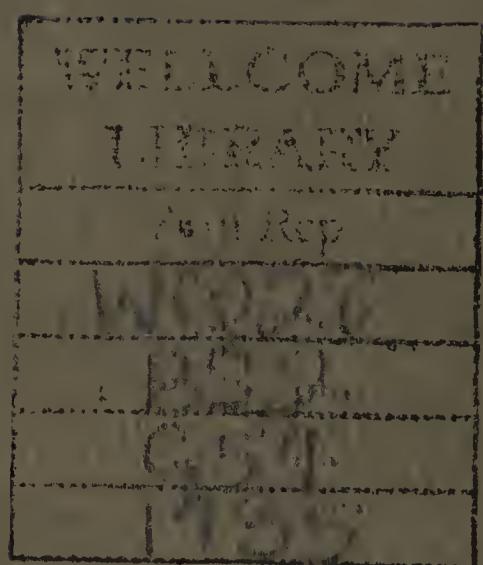


# MEDICAL REPORT

FOR THE YEAR

1935

THE GLASGOW ROYAL MATERNITY  
AND WOMEN'S HOSPITAL



22501562895

# The Glasgow Royal Maternity and Women's Hospital

## MEDICAL REPORT

For the Year 1935

Prepared by

**MALCOLM D. BLACK**

M.B., Ch.B., F.R.F.P.S.G., M.C.O.G.

Registrar to the Hospital

GLASGOW:

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1936

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# MEDICAL STAFF

YEAR ENDING 1935.

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*Honorary Consulting Obstetric Physician.*

A. N. M'LELLAN, M.B., C.M., L.M., F.C.O.G.

*Honorary Consulting Physician.*

W. M'LENNAN, M.B., C.M.

*Honorary Consulting Surgeon.*

P. PATERSON, M.B., C.M., M.R.C.S., L.R.C.P., F.R.F.P.S.G.

*Honorary Consulting Ophthalmic Surgeon.*

A. J. BALLANTYNE, M.D., F.R.F.P.S.G.

*Honorary Consulting Ear, Nose and Throat Surgeon.*

G. B. BRAND, M.B., CH.B., F.R.F.P.S.G.

*Obstetrical Units.*

A.

*Chief Obstetric Surgeon*—PROF. S. J. CAMERON, M.B., CH.B., F.R.F.P.S.G., F.C.O.G.

*Visiting Obstetric Surgeon*—J. HEWITT, M.B., CH.B., F.C.O.G.

*Assistant Obstetric Surgeons*—E. D. MORTON, M.B., CH.B., F.C.O.G.

W. C. ARMSTRONG, M.B., CH.B., F.R.F.P.S.G., M.C.O.G.

*Extra Assistant Obstetric Surgeon*—B. P. LYE, M.B., F.R.C.S.E.

B.

*Chief Obstetric Surgeon*—PROF. J. HENDRY, M.A., B.Sc., M.B., CH.B., F.R.F.P.S.G.  
F.C.O.G.

*Visiting Obstetric Surgeon*—D. BAIRD, M.D., CH.B., B.Sc., D.P.H., F.C.O.G.

*Assistant Obstetric Surgeons*—E. RUTHERFURD, M.B., CH.B., F.R.C.S.E., M.C.O.G.  
H. R. M'LENNAN, M.D., CH.B., M.C.O.G.

*Extra Assistant Obstetric Surgeon*—H. STIRLING, M.B., CH.B., M.C.O.G.

C.

*Chief Obstetric Surgeon*—R. A. LENNIE, T.D., M.D., F.R.F.P.S.G., M.C.O.G.

*Visiting Obstetric Surgeon*—A. BARR, M.B., CH.B., F.R.F.P.S.G., L.M., M.C.O.G.

*Assistant Obstetric Surgeons*—D. F. ANDERSON, M.D., CH.B., F.R.F.P.S.G., M.C.O.G.  
D. M. HART, M.B., CH.B., F.R.F.P.S.G., M.C.O.G.

*Extra Assistant Obstetric Surgeon*—W. CLEMENT, M.B., CH.B.

---

*Visiting Anæsthetist*—R. G. GRIEVE, M.B., CH.B.

*Resident Anæsthetist*—E. B. COWAN, M.B., CH.B.

*Assistant Obstetric Surgeon (unattached)*—A. MACARTNEY, M.B., CH.B.

*Senior Resident Obstetric Officer*—M. D. BLACK, M.B., CH.B., F.R.F.P.S.G., M.C.O.G.

*Honorary Physician for Infant Ailments*—S. GRAHAM, M.D., M.C.P.S. (ONT.), F.R.F.P.S.G.

*Assistant to Honorary Physician for Infant Ailments*—E. D. MORTON, M.B., CH.B.,  
M.C.O.G.

*Director of Research*—H. L. SHEEHAN, M.D., M.Sc.

*Medical Officer to V.D. Clinic*—N. T. WATTIE, M.B., CH.B., D.P.H.

---

*House Surgeons during the year 1935.*

I. M. ANDERSON, M.B., CH.B.

L. C. HALL, M.B., CH.B.

J. B. BARR, M.B., CH.B.

A. J. HERRING, M.B., CH.B.

A. BROWN, M.B., CH.B.

A. H. M'GEACHY, M.B., CH.B.

T. BRYSON, M.B., CH.B.

J. M'KENNA, M.B., CH.B.

J. A. CROCKET, M.B., CH.B.

W. W. POLLOCK, M.B., CH.B.

J. B. DONALD, M.B., CH.B.

J. N. R. STEPHEN, M.B., CH.B.

T. N. FRASER, M.B., CH.B.

A. M. SUTHERLAND, M.B., CH.B.

J. WATSON, M.B., CH.B.

## ABBREVIATIONS.

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|                  |   |   |   |   |                               |
|------------------|---|---|---|---|-------------------------------|
| A.C.             | - | - | - | - | After coming.                 |
| Adh. plac.       | - | - | - | - | Adherent placenta.            |
| Art. rupt. memb. | - | - | - | - | Artificial rupture membranes. |
| F.F.O.           | - | - | - | - | Failed forceps outside.       |
| G.C.P.           | - | - | - | - | Generally contracted pelvis.  |
| H.B.P.           | - | - | - | - | High blood pressure.          |
| L.U.S.           | - | - | - | - | Lower uterine segment.        |
| Med. ind.        | - | - | - | - | Medical induction.            |
| P.P.             | - | - | - | - | Post-partum.                  |
| P.P.H.           | - | - | - | - | Post-partum haemorrhage.      |
| Pr.              | - | - | - | - | Promontory.                   |
| P.U.O.           | - | - | - | - | Pyrexia of unknown origin.    |
| Surg. ind.       | - | - | - | - | Surgical induction.           |

## FOREWORD.

IN preparing the Tenth Annual Medical Report of the Glasgow Royal Maternity and Women's Hospital, the same general scheme has been followed as in the previous year, but the section on toxæmia of pregnancy has been enlarged in view of the researches at present being conducted in the laboratory. As far as possible, the data have been arranged according to the standard scheme suggested by the Committee appointed by the Royal Society of Medicine for the unification of the clinical reports of maternity hospitals.

It may be of interest to the reader, who is not personally acquainted with the work of the Hospital, to mention some of the facts regarding the accommodation for patients and the mode of admission, before discussing the clinical records of the year's work.

The Hospital, which is the largest purely maternity hospital in the country, has 175 beds, and is run on the permanent unit system, the details of which are found on the next page ; 78 beds are reserved for ante-natal cases, 78 for lying-in cases, and 19 are set aside for "suspect" cases. These latter beds are situated in a separate block. This Isolation Block is under the charge of one of the Assistant Obstetric Surgeons, the various Assistant Obstetric Surgeons holding this post for periods of four months each, and a special House Surgeon looks after the wards in this block alone. During the tenure of office, neither the Assistant Obstetric Surgeon nor the Isolation House Surgeon has any dealings with patients in the other parts of the Hospital. By arrangement with the Medical Officer of Health, septic cases are transferred to the City Fever Hospitals.

Through the generosity of the trustees of Mr. Peter Coats, the Hospital has been able to retain a Resident Anæsthetist and a Visiting Anæsthetist.

During the year 1935 there were 4,477 patients admitted, the average daily number of patients in the wards being 162. The average residence of patients in the wards was 13.2 days. The largest number of patients resident on any one day was 183 and the smallest number was 143. The number of children born in the Hospital was 3,306. Of this number 2,863, or 86.6 per cent., were born alive, while 443, or 13.4 per cent., were still-born. During the year there were 81 maternal deaths in the Hospital, giving a death-rate of 1.8 per cent. Co-operation with the Corporation of Glasgow has enabled the Hospital to continue its policy of not refusing treatment to any woman in labour, without increasing

the overcrowding of the wards. In 1935 the Municipal Hospitals accepted 760 patients as overflow cases. Of that number 132 were abnormal. These cases were not considered in making up this statistical report, which deals only with cases treated actually in the Hospital.

The ante-natal department is an increasingly important part of the Hospital. From the Ante-natal Dispensary on the premises, many cases are admitted to the Obstetrical Department and to the ante-natal wards. In 1935, 1,600 patients were treated in these wards. This amounts to 35.7 per cent. of all admissions to the Hospital. Since 1930 the Ante-natal Dispensary has been open on Saturdays to cope with increasing numbers of patients. With this dispensary is combined a Post-natal Dispensary and an Infant Consultation (Child Welfare) Centre, at all of which the total attendances during the year 1935 numbered 21,750.

In addition to the indoor cases and dispensary cases referred to above, the Hospital carries on a large amount of obstetrical work in "the district," *i.e.*, in the patients' own homes, and from this source a certain number of emergency cases are admitted to the wards. During 1935, 4,835 women were attended in childbirth by the Maternity Hospital staff, and in all 52,448 visits (an average of 4,371 visits per month) were paid to them in their homes; of the cases delivered in "the district," 357, or 7.4 per cent., were abnormal; 4,656 infants were born in "the district," and of these 97.7 per cent. were born alive; 2 maternal deaths occurred in "the district," *i.e.*, 0.04 per cent.

Many cases are sent to the Hospital as emergency cases by medical practitioners and midwives, and even other institutions. A large number of cases are recommended by other clinics in the city. Many cases are sent from a considerable distance, *e.g.*, the Western Isles.

During 1935 the number of abnormal cases was 3,067, or 68.5 per cent. of all admissions (this number includes the 1,600 ante-natal cases). Many of these were emergency cases. This fact, together with many others, such as the high incidence of rickets in the population which is served by the Hospital, indicates that the type of case dealt with is unfortunately often of the gravest variety. This has to be borne in mind when comparing the incidence of the more serious complications of labour and the mortality and morbidity rates with those of other institutions, where there is not this measure of abnormality with which to contend. Special attention is drawn to the large number of deaths occurring within twenty-four hours of admission.

The simple division of cases into "Booked" cases and "Emergencies" suggested by the Committee of the Royal Society of Medicine is not easy to apply to this Hospital. The scheme has, therefore, been modified to a slight extent, and the indoor cases have been divided into two categories for the purpose of this report, viz. :—

Category A.—Patients who were under ante-natal supervision at the Hospital Clinic and who had attended on at least two occasions shortly before admission.

Category B.—This group includes all other patients.

It is to be noted that this classification differs from that adopted in years previous to 1933, when the classification was based upon the time during which the patient had ante-natal supervision, rather than upon the type of supervision.

The number of cases in each category was as follows :—

|  |   |   |       |
|--|---|---|-------|
| Category A.—Those attending hospital clinic, | - | - | 1,893 |
| Category B.—Others,                          | - | - | 2,584 |
| Total,                                       | - | - | 4,477 |

From these figures it will be seen that of a total of 4,477 patients treated in the wards of the Hospital, 1,893, or 42.3 per cent., had been under ante-natal supervision at the Hospital Clinic, and 2,584, or 57.7 per cent., had not had such supervision.

It may be of interest to the reader to mention that a considerable amount of research work is being carried on by members of the medical staff into infections of the urinary tract, puerperal fever, and the toxæmias of pregnancy.

During the year 205 medical students enrolled for training in practical midwifery, and 297 nurses enrolled for training for the certificate of the Central Midwives' Board.

In this Report cases readmitted have their registered numbers bracketed.

The abbreviations used will be found on page 4.

## SUMMARY OF TOTAL CASES ADMITTED.

*Category A.—Cases which had been under Ante-natal Supervision at Hospital Clinic.*

|   |       |
|---|-------|
| 1. Delivered in hospital, - - - - - - - - - | 1,510 |
| 2. Died undelivered, - - - - - - - - -      | 4     |
| 3. Abortions, - - - - - - - - -             | 35    |
| 4. Ectopic gestation, - - - - - - - - -     | 1     |
| 5. Miscellaneous, - - - - - - - - -         | 343   |
|   | <hr/> |
| Total, - - - - -                            | 1,893 |

*Category B.—Others.*

|                                     |       |
|-------------------------------------|-------|
| 1. Delivered in hospital, - - - - - | 1,719 |
| 2. Died undelivered, - - - - -      | 11    |
| 3. Abortions, - - - - -             | 286   |
| 4. Ectopic gestation, - - - - -     | 7     |
| 5. Miscellaneous, - - - - -         | 561   |
| Total, - - - - -                    | 2,584 |

*Categories A and B.*

The following table shows the various abnormalities found in the cases admitted during the year.

| Abnormality.                    | A   | B   | Total. |
|---------------------------------|-----|-----|--------|
| Abscess, Bartholin              | 1   | —   | 1      |
| of vulva                        | 1   | 1   | 2      |
| ischio-rectal                   | —   | 1   | 1      |
| Acidosis                        | —   | 1   | 1      |
| Appendicitis                    | —   | 1   | 1      |
| Asthma                          | 1   | 2   | 3      |
| Bronchitis                      | 13  | 21  | 34     |
| Bronchiectasis                  | —   | 1   | 1      |
| Bicornuate uterus               | —   | 1   | 1      |
| Breech, primiparæ               | 66  | 104 | 170    |
| multiparæ                       | 87  | 93  | 180    |
| Cervical polypus                | 1   | —   | 1      |
| Chorea                          | 3   | 6   | 9      |
| Cholecystitis                   | —   | 2   | 2      |
| Cord prolapsed                  | 11  | 18  | 29     |
| presentation                    | —   | 2   | 2      |
| Carcinoma of bronchus           | —   | 1   | 1      |
| Cervix, atresia of              | —   | 1   | 1      |
| prolapse of                     | —   | 2   | 2      |
| Cerebral thrombosis             | —   | 1   | 1      |
| Debility                        | 4   | 10  | 14     |
| Diabetes insipidas              | —   | 1   | 1      |
| Disproportion                   | 12  | 6   | 18     |
| Disseminated sclerosis          | 1   | —   | 1      |
| Eclampsia                       | 11  | 56  | 67     |
| Elderly primipara               | 3   | 1   | 4      |
| Epilepsy                        | 7   | 3   | 10     |
| Exophthalmic goitre             | 1   | 2   | 3      |
| Fibroids                        | 7   | 8   | 15     |
| Fibrosis                        | 1   | —   | 1      |
| Fœtal states, anencephaly       | 6   | 13  | 19     |
| hydrocephalus                   | 8   | 12  | 20     |
| talipes                         | 1   | 1   | 2      |
| meningocele                     | —   | 1   | 1      |
| encephalocele                   | —   | 2   | 2      |
| Fistula, recto-vaginal          | —   | 1   | 1      |
| vesico-vaginal                  | —   | 1   | 1      |
| Glycosuria                      | 3   | 2   | 5      |
| Hæmaturia                       | 1   | 4   | 5      |
| Hemiplegia                      | —   | 3   | 3      |
| Hip joint disease               | 1   | 1   | 2      |
| Hydramnios                      | 8   | 18  | 26     |
| Hyperegesis                     | 3   | 82  | 85     |
| Hypertensive toxæmia, primiparæ | 122 | 110 | 232    |
| multiparæ                       | 75  | 162 | 237    |
| Hysteria                        | —   | 2   | 2      |
| Influenza                       | —   | 1   | 1      |
| Insanity, puerperal             | 4   | 5   | 9      |
| Inertia, uterine                | —   | 2   | 2      |
| Jaundice                        | 1   | 2   | 3      |

| Abnormality.                | A   | B   | Total. |
|-----------------------------|-----|-----|--------|
| Lactosuria                  | 1   | —   | 1      |
| Leucorrhœa                  | 11  | 10  | 21     |
| Lymphadenoma                | —   | 1   | 1      |
| Mastitis                    | 16  | 11  | 27     |
| Menorrhagia                 | —   | 3   | 3      |
| Metrorrhagia                | —   | 2   | 2      |
| Occipito-posterior          | 109 | 116 | 225    |
| Oedema                      | 13  | 11  | 24     |
| Pelvic hæmatocele           | 1   | 2   | 3      |
| cellulitis                  | —   | 2   | 2      |
| Phlegmasia                  | 3   | 3   | 6      |
| Phlebitis                   | 2   | 3   | 5      |
| Placenta, retained          | 15  | 35  | 50     |
| battledore                  | —   | 1   | 1      |
| succenturiate               | 1   | —   | 1      |
| Pleurisy                    | 1   | 1   | 2      |
| Post maturity               | 3   | —   | 3      |
| Post encephalitis           | 1   | —   | 1      |
| Prolapse of uterus          | 1   | —   | 1      |
| Pneumonia                   | 4   | 5   | 9      |
| Psoriasis                   | —   | 2   | 2      |
| Pyelitis and pyelonephritis | 39  | 81  | 120    |
| Renal calculus              | —   | 1   | 1      |
| Rupture of aorta            | —   | 1   | 1      |
| Suppression of urine        | —   | 1   | 1      |
| Syphilis, congenital        | —   | 1   | 1      |
| Toxic goitre                | —   | 1   | 1      |
| Tuberculosis, pulmonary     | 3   | 3   | 6      |
| Thrombo-phlebitis           | —   | 2   | 2      |
| Tubo-ovarian abscess        | —   | 1   | 1      |
| cyst                        | 1   | —   | 1      |
| Simmond's disease           | —   | 1   | 1      |
| Vaginal cyst                | 1   | 2   | 3      |
| septum                      | 1   | 1   | 2      |
| Vaginitis                   | —   | 1   | 1      |
| Ventral hernia              | 2   | —   | 2      |

## ANTE-NATAL CASES.

There were 1,600 cases treated in the wards of the Ante-natal Department during the year. This total, equivalent to 35.7 per cent. of all indoor cases, is to be distinguished from the total of 1,893 cases which had been under ante-natal supervision. The following table shows the disease or accident of pregnancy for which treatment was undertaken in these cases in the ante-natal wards and the results:—

*Cases admitted to Ante-natal Wards; Disease or Accident of Pregnancy for which treatment was undertaken.*

| Disease or Accident of Pregnancy. | No. of Cases. | Cat. A. | Cat. B. | Lived.    | Died.  |
|-----------------------------------|---------------|---------|---------|-----------|--------|
| Accidental haemorrhage            | 36            | 12      | 24      | 36        | —      |
| Anæmia                            | 7             | 3       | 4       | 7         | —      |
| Breech presentation               | 66            | 28      | 38      | 66        | —      |
| Contracted pelvis                 | 249           | 202     | 47      | 246       | 3      |
| Debility                          | 13            | 4       | 9       | 13        | —      |
| Heart disease                     | 94            | 40      | 54      | 89        | 5      |
| Hydramnios                        | 17            | 6       | 11      | 16        | 1      |
| Missed abortion                   | 13            | —       | 13      | 13        | —      |
| Placenta prævia                   | 16            | 2       | 14      | 16        | —      |
| Pulmonary tuberculosis            | 6             | 3       | 3       | 5         | 1      |
| Pulmonary diseases                | 24            | 8       | 16      | 24        | —      |
| Pyelitis                          | 94            | 27      | 67      | 93        | 1      |
| Threatened abortion               | 108           | 16      | 92      | 107       | 1      |
| Toxæmia of pregnancy:—            |               |         |         |           |        |
| Albuminuria                       | 208           | 81      | 127     | 205       | 3      |
| High blood pressure               | 135           | 86      | 49      | 134       | 1      |
| Eclampsia                         | 9             | 4       | 5       | 8         | 1      |
| Hyperemesis                       | 96            | 6       | 90      | 95        | 1      |
| Twins                             | 11            | 2       | 9       | 11        | —      |
| Oedema                            | 20            | 12      | 8       | 20        | —      |
| Malpresentation                   | 28            | 18      | 10      | 27        | 1      |
| Observation                       | 150           | 85      | 65      | 150       | —      |
| R.G.U.                            | 5             | —       | 5       | 5         | —      |
| Vaginal discharge                 | 8             | 3       | 5       | 8         | —      |
| Ectopic pregnancy                 | 6             | 1       | 5       | 6         | —      |
| Others                            | 181           | 68      | 113     | 179       | 2      |
| <br>Totals                        | <br>1,600     | <br>717 | <br>883 | <br>1,579 | <br>21 |

## OBSTETRICAL CASES.

## NORMAL DELIVERY.

There were 2,320 cases delivered normally. This number includes abnormal cases, e.g. Toxæmic cases, which had a normal delivery.

## ABNORMAL DELIVERY.

## 1. VERTEX. OCCIPITO-POSTERIOR.

There were 225 cases in which there was an occipito-posterior position of the vertex. There were 7 maternal deaths (see under deaths) in the hospital and one after transfer to a fever hospital giving a mortality rate of 3.1 per cent. One case (856) died from lobar pneumonia and pyonephrosis, one case (3010) died from acute pyelonephritis, 3 cases (1326, 1533 and 1536) died from obstetric shock following delivery, one case (2184) died under anaesthesia during delivery and 2 cases died from sepsis of which one (3608) was too ill to be transferred. There were 7 cases of twins, one child in each case being occipito-posterior. Of the 225 infants presenting occipito-posteriorly 183 were born alive but 20 died and 42 were still-born. On examining the cases in which still-births occurred it is noted that in 9 cases forceps had been unsuccessfully attempted outside, labour was further complicated in six cases by contracted pelvis, and in 2 cases by external accidental haemorrhage. In 6 cases pregnancy was complicated by severe toxæmia and in 7 cases a destructive operation was performed in order to effect delivery. Puerperal sepsis was noted in 14 cases and puerperal pyrexia in 12 cases. The total number of notifiable cases was thus 26 or 1.2 per cent. of cases treated.

The cases have not been tabulated individually, but two tables have been drawn up, one showing the modes of delivery and results and the other showing the relation of the mode of delivery to weight of child and duration of labour. The following facts have also been noted. There were 45 cases of contracted pelvis, 16 cases of toxæmia and in 17 cases forceps had been unsuccessfully attempted outside.

## MALPRESENTATIONS.

1. *Vertex. Occipito-Posterior.*

Tables showing mode of delivery and results:—

## Category A.

| Mode of Delivery.               | Mother. |    | Child. |      |    | Left. | Right. | Pyrexia. | Sepsis. |
|---------------------------------|---------|----|--------|------|----|-------|--------|----------|---------|
|                                 | A.      | D. | A.     | S.B. | D. |       |        |          |         |
| Spontaneous, long rotation -    | -       | 17 | —      | 13   | 1  | 3     | 2      | 15       | —       |
| Manual rotation, forceps -      | -       | 71 | 2      | 59   | 8  | 6     | 20     | 53       | 3       |
| Spontaneous rotation, forceps - | -       | 6  | —      | 5    | 1  | —     | 3      | 3        | 4       |
| Spontaneous, face to pubis -    | -       | 7  | —      | 5    | —  | 2     | 1      | 6        | —       |
| Forceps, face to pubis -        | -       | 4  | 1      | 2    | 3  | —     | 3      | 2        | 1       |
| Manual rotation, spontaneous -  | -       | 1  | —      | 1    | —  | —     | 1      | —        | —       |
| <hr/>                           |         |    |        |      |    |       |        |          |         |
| Totals - - - -                  | 106     | 3  | 85     | 13   | 11 | 30    | 79     | 4        | 7       |

## Category B.

|                                 |     |    |    |    |    |    |    |    |   |   |
|---------------------------------|-----|----|----|----|----|----|----|----|---|---|
| Spontaneous, long rotation -    | -   | 19 | —  | 15 | 3  | 1  | 6  | 13 | 1 | — |
| Manual rotation, forceps -      | -   | 65 | 3  | 49 | 12 | 7  | 19 | 49 | 5 | 3 |
| Spontaneous rotation, forceps - | -   | 6  | —  | 4  | 2  | —  | 2  | 4  | — | — |
| Spontaneous, face to pubis -    | -   | 7  | —  | 4  | 2  | 1  | 1  | 6  | — | — |
| Perforation, forceps -          | -   | 3  | —  | —  | 3  | —  | —  | 3  | — | 1 |
| Craniotomy -                    | -   | 3  | 1  | —  | 4  | —  | —  | 4  | 1 | 2 |
| Forceps, face to pubis -        | -   | 8  | —  | 6  | 2  | —  | 4  | 4  | 1 | 1 |
| Internal version -              | -   | 1  | —  | —  | 1  | —  | 1  | —  | — | — |
| <hr/>                           |     |    |    |    |    |    |    |    |   |   |
| Totals - - - -                  | 112 | 4  | 78 | 29 | 9  | 33 | 83 | 8  | 7 |   |

Tables showing relation of mode of delivery to weight of child and duration of labour:—

*Category A.*

| Mode of Delivery.                   | Under 7 lbs.   |             |               | 7 - 8 lbs.     |             |               | Over 8 lbs.    |             |               |
|-------------------------------------|----------------|-------------|---------------|----------------|-------------|---------------|----------------|-------------|---------------|
|                                     | Under 12 hours | 12-24 hours | Over 24 hours | Under 12 hours | 12-24 hours | Over 24 hours | Under 12 hours | 12-24 hours | Over 24 hours |
| Spontaneous, long rotation - - -    | 2              | 1           | 2             | 5              | 2           | 2             | 1              | 1           | 1             |
| Manual rotation, forceps            | 2              | 11          | 10            | 5              | 9           | 19            | 2              | 7           | 8             |
| Spontaneous rotation, forceps - - - | —              | 1           | —             | —              | 4           | —             | —              | 1           | —             |
| Spontaneous, face to pubis - - -    | 1              | 3           | —             | 1              | —           | 2             | —              | —           | —             |
| Forceps, face to pubis -            | 1              | 2           | —             | —              | 1           | 1             | —              | —           | —             |
| Manual rotation, spontaneous - - -  | —              | —           | —             | —              | —           | —             | —              | —           | 1             |
| <hr/>                               |                |             |               |                |             |               |                |             |               |
| Totals - - -                        | 6              | 18          | 12            | 11             | 16          | 24            | 3              | 9           | 10            |

*Category B.*

|                                     |    |   |    |   |    |    |   |   |    |
|-------------------------------------|----|---|----|---|----|----|---|---|----|
| Spontaneous, long rotation - - -    | 5  | 2 | 3  | 3 | 1  | 2  | 1 | 2 | —  |
| Manual rotation, forceps            | 2  | 3 | 7  | 3 | 18 | 17 | — | 5 | 13 |
| Spontaneous rotation, forceps - - - | —  | — | 1  | — | 2  | 2  | — | — | 1  |
| Spontaneous, face to pubis - - -    | 3  | 1 | 1  | 1 | 1  | —  | — | — | —  |
| Forceps, face to pubis -            | —  | — | 2  | — | 2  | 3  | — | — | 1  |
| Internal version - -                | —  | — | —  | — | 1  | —  | — | — | —  |
| Perforation, forceps - -            | —  | — | 1  | — | —  | 1  | — | — | 1  |
| Craniotomy - - -                    | —  | — | —  | — | —  | 1  | — | 1 | 2  |
| <hr/>                               |    |   |    |   |    |    |   |   |    |
| Totals - - -                        | 10 | 6 | 15 | 7 | 25 | 26 | 1 | 8 | 18 |

## 2. BREECH.

There were 350 cases of breech presentation: 153 were in-patients who had been under ante-natal supervision at the hospital clinic. There were 4 maternal deaths in hospital, one (431) from acute and chronic endocarditis, one (1860) from eclampsia with partial suppression of urine; one (2755) from rupture of the uterus after a manual delivery, and one (4329) from acidosis in a case of late vomiting. One case of manual breech delivery in a primigravida died of genito-urinary infection after transfer to an observation hospital on account of puerperal insanity.

There were 63 still-births. Of the still-births in the primigravidæ it is noted that one occurred in a case of ante-partum haemorrhage, 2 in cases of prolapse of the cord, while there were 2 cases of hydrocephalus and 4 macerated fœtuses. Of the still-births in the multiparæ 8 occurred in cases of ante-partum haemorrhage, 5 in cases of prolapse of the cord, while there were also 4 cases of hydrocephalus, and one macerated fœtus.

There were 45 infantile deaths. It is of interest to note that in 34 cases the cause of death was prematurity.

Eleven cases were treated by cæsarean section, the indication for operation being marked pelvic contraction in 10 cases and a bad obstetric history in one case.

The following tables show the mode of delivery and results in the two categories separately for primigravidæ and multiparæ:—

(a) *Primigravidae.*

| Mode of Delivery.             | Mother. |    | Category A. |    |       | Category B. |         |    | Pfyrexa.<br>Sepsts. |  |
|-------------------------------|---------|----|-------------|----|-------|-------------|---------|----|---------------------|--|
|                               | A       | D. | Alive.      |    | S.B.  | Died.       | Mother. |    |                     |  |
|                               |         |    | A.          | D. | Alive | S.B.        | Died.   |    |                     |  |
| Spontaneous (uncomplicated)   | -       | 2  | -           | 1  | 1     | 1           | 1       | 1  | 1                   |  |
| Spontaneous (complicated)     | -       | 3  | -           | 1  | 2     | 1           | 1       | 1  | 1                   |  |
| Manual (uncomplicated)        | -       | 14 | -           | 11 | 8     | 4           | 2       | 24 | 2                   |  |
| Manual (complicated)          | -       | 11 | -           | -  | -     | 1           | 10      | 5  | 1                   |  |
| Forceps to a.c. head          | -       | -  | -           | 6  | 2     | 1           | 5       | 3  | 1                   |  |
| Version, spontaneous          | -       | -  | -           | -  | 1     | 1           | 1       | -  | -                   |  |
| Undelivered                   | -       | -  | -           | 9  | -     | -           | -       | -  | -                   |  |
| Perforation                   | -       | -  | -           | 5  | -     | -           | -       | -  | -                   |  |
| Version, forceps              | -       | -  | -           | 1  | 3     | 2           | 2       | 1  | 1                   |  |
| Cæsarean section              | -       | -  | -           | 6  | 2     | 1           | 1       | -  | -                   |  |
| External version, undelivered | -       | -  | -           | 2  | -     | -           | -       | -  | -                   |  |
| Totals                        | -       | -  | 66          | -  | 32    | 8           | 11      | 2  | 1                   |  |

Twins (3 times).  
(b) *Multiparae.*

| Mode of Delivery.             | Mother. |    | Category A. |    |       | Category B. |         |    | Pfyrexa.<br>Sepsts. |  |
|-------------------------------|---------|----|-------------|----|-------|-------------|---------|----|---------------------|--|
|                               | A       | D. | Alive.      |    | S.B.  | Died.       | Mother. |    |                     |  |
|                               |         |    | A.          | D. | Alive | S.B.        | Died.   |    |                     |  |
| Spontaneous (uncomplicated)   | -       | 13 | -           | 10 | 2     | 1           | 1       | 14 | 3                   |  |
| Spontaneous (complicated)     | -       | 18 | -           | 12 | 5     | 4           | 1       | 12 | 10                  |  |
| Manual (uncomplicated)        | -       | 3  | -           | 3  | 8     | 3           | 1       | 9  | 7                   |  |
| Manual (complicated)          | -       | 7  | 1           | 16 | -     | 1           | 1       | 11 | 6                   |  |
| Version, spontaneous          | -       | 17 | -           | -  | -     | 1           | 4       | -  | -                   |  |
| Undelivered                   | -       | -  | 4           | -  | -     | -           | -       | -  | -                   |  |
| Perforation                   | -       | -  | -           | 1  | -     | -           | -       | -  | -                   |  |
| Version, forceps              | -       | -  | -           | 1  | -     | 1           | 1       | -  | 1                   |  |
| Cæsarean section              | -       | -  | -           | 7  | -     | 2           | -       | -  | -                   |  |
| External version, undelivered | -       | -  | 15          | -  | -     | -           | 11      | -  | -                   |  |
| Totals                        | -       | -  | 86          | 1  | 54    | 14          | 7       | 1  | 2                   |  |

Twins (7 times).

### 3. Face and Brow.

There were 14 cases of face and brow presentation, two of these being in Category A and 12 in Category B. There were no maternal deaths. There were 4 still-births and 2 infants died. There were no cases of puerperal pyrexia, but puerperal sepsis was noted in one case.

#### Categories A and B.

| Mode of Delivery.          | No. of Cases. | Mother |       | Child. |       |       | Pyrexia. | Sepsis. |
|----------------------------|---------------|--------|-------|--------|-------|-------|----------|---------|
|                            |               | A      | D     | A      | S.B.  | Died. |          |         |
| Spontaneous                | 3             | 3      | —     | 1      | 1     | 1     | —        | —       |
| Thorne's manœuvre, forceps | 4             | 4      | —     | 2      | 1     | 1     | —        | —       |
| Manual rotation, forceps   | 4             | 4      | —     | 3      | 1     | —     | —        | 1       |
| Forceps                    | 1             | 1      | —     | 1      | —     | —     | —        | —       |
| Craniotomy                 | 1             | 1      | —     | —      | 1     | —     | —        | —       |
| Cæsarean section           | 1             | 1      | —     | 1      | —     | —     | —        | —       |
| <br>Totals                 | <br>14        | <br>14 | <br>— | <br>8  | <br>4 | <br>2 | <br>—    | <br>1   |

## FACE AND BROW PRESENTATIONS.

## A. Cases under Ante-natal Supervision at Hospital Clinic.

| Reg. No. | Age. | Parity. | Maturity at Delivery.<br>wks | Duration of Labour.<br>hrs. | Mode of Delivery.                                    | Weight of Child.<br>lbs. | Result. |     | Pyrexia or Sepsis. | Remarks.               |
|----------|------|---------|------------------------------|-----------------------------|--|--------------------------|---------|-----|--------------------|------------------------|
|          |      |         |                              |                             |  |                          | M.      | Ch. |                    |                        |
| 1019     | 30   | 1       | 39                           | 46                          | Manual rotation<br>Forceps<br>Cæs. section<br>L.U.S. | ?                        | A       | A   | —                  | R.M.P.                 |
| 4385     | 30   | 1       | 40                           | —                           |  | 6                        | A       | A   | —                  | Brow. C.P. D.C. 4 ins. |

## B. Others.

|      |    |   |    |    |                                |                 |   |    |   |  |
|------|----|---|----|----|--------------------------------|-----------------|---|----|---|--|
| 69   | 28 | 3 | 36 | 7  | Spontaneous                    | 6 $\frac{3}{4}$ | A | D  | — | L.M.A. General foetal dropsy.  |
| 163  | 34 | 2 | 29 | 8  | Spontaneous                    | 2 $\frac{3}{4}$ | A | SB | — | Membranes ruptured four weeks before admission.                                |
| 562  | 27 | 2 | 40 | 19 | Craniotomy                     | 9               | A | SB | — | Brow. Threatened rupture of uterus. Tentative attempt at forceps unsuccessful. |
| 743  | 36 | 8 | 40 | 11 | Forceps                        | 9               | A | D  | — | R.M.P. Thorne's manœuvre.  |
| 918  | 26 | 2 | 36 | 5  | Forceps                        | 6               | A | A  | — | Brow. Thorne's manœuvre.   |
| 1603 | 32 | 2 | 39 | 23 | Forceps                        | 7               | A | A  | — | R.M.A.   |
| 2252 | 28 | 2 | 40 | 17 | Manual rotation<br>Forceps     | 8               | A | A  | S | R.M.P. Offensive lochia.   |
| 2535 | 23 | 1 | 40 | 27 | Manual rotation<br>Forceps     | 7 $\frac{1}{2}$ | A | SB | — | L.M.P. Episiotomy.   |
| 2717 | 22 | 2 | 42 | 19 | Forceps                        | 9               | A | A  | — | Brow. Thorne's manœuvre.   |
| 2958 | 31 | 2 | 40 | 5  | Spontaneous long rotation      | 6 $\frac{1}{2}$ | A | A  | — | R.M.P.   |
| 4144 | 27 | 1 | 40 | 17 | Forceps                        | 7 $\frac{1}{4}$ | A | A  | — | L.M.P. Thorne's manœuvre.  |
| 4157 | 27 | 3 | 40 | 13 | Manual rotation<br>Spontaneous | 8 $\frac{1}{2}$ | A | A  | — | R.M.P.   |

4. *Transverse.*

There were 29 cases of transverse presentation, two cases being dismissed undelivered. The total includes one case of twins in which one child presented transversely. There were 3 maternal deaths, one (3504) in a case of rupture of the uterus from sepsis following hysterectomy, one (515) from obstetric shock while under anaesthesia and one (3090) a case of mixed accidental haemorrhage from post partum haemorrhage and obstetric shock. Thirteen infants or 48.1 per cent. were still-born. Puerperal sepsis was noted in one case and pyrexia in two cases. This gives a notifiable rate of 11.5 per cent. of the cases delivered.

*Transverse Presentation.*

| Mode of Delivery.                    | No. of Cases. |    |        | Results.<br>Mother lived. |    |        | Child born alive. |   |        | Pyrexia. | Sepsis. | Total<br>notifiable. |
|--------------------------------------|---------------|----|--------|---------------------------|----|--------|-------------------|---|--------|----------|---------|----------------------|
|                                      | A             | B  | Total. | A                         | B  | Total. | A                 | B | Total. |          |         |                      |
| Internal version,<br>manual breech - | 2             | 10 | 12     | 2                         | 8  | 10     | 1                 | 5 | 6      | 1        | —       | 1                    |
| Version, spontaneous                 | 2             | 2  | 4      | 2                         | 2  | 4      | 2                 | 1 | 3      | —        | —       | —                    |
| Decapitation - -                     | 1             | 1  | 2      | 1                         | 1  | 2      | —                 | — | —      | —        | —       | —                    |
| Cæsarean section -                   | 1             | —  | 1      | 1                         | —  | 1      | 1                 | — | 1      | 1        | —       | 1                    |
| Laparotomy - -                       | —             | 1  | 1      | —                         | —  | —      | —                 | — | —      | —        | 1       | 1                    |
| Internal version,<br>spontaneous - - | 1             | 2  | 3      | 1                         | 2  | 3      | —                 | 1 | 1      | —        | —       | —                    |
| Spont. evolution -                   | 1             | —  | 1      | 1                         | —  | 1      | —                 | — | —      | —        | —       | —                    |
| Version, forceps -                   | 1             | 2  | 3      | 1                         | 2  | 3      | 1                 | 2 | 3      | —        | —       | —                    |
| Undelivered - -                      | 1             | 1  | 2      | 1                         | 1  | 2      | —                 | — | —      | —        | —       | —                    |
| <hr/>                                |               |    |        |                           |    |        |                   |   |        |          |         |                      |
| Totals - -                           | 10            | 19 | 29     | 10                        | 16 | 26     | 5                 | 9 | 14     | 2        | 1       | 3                    |

## TRANSVERSE PRESENTATIONS.

## A. Cases under Ante-natal Supervision at Hospital Clinic.

| Reg. No. | Age. | Parity. | Maturity at Delivery.<br>wks | Duration of Labour.<br>hrs. | Mode of Delivery.        | Weight of Child.<br>lbs. | Result. |     | Pyrexia or Sepsis. | Remarks.   |
|----------|------|---------|------------------------------|-----------------------------|--------------------------|--------------------------|---------|-----|--------------------|--|
|          |      |         |                              |                             |                          |                          | M.      | Ch. |                    |  |
| 106      | 20   | 1       | 39                           | —                           | Cæs. section<br>L.U.S.   | 4 $\frac{1}{2}$          | A       | A   | P                  | P.U.O. C.P. D.C. 3 $\frac{1}{2}$ ins.<br>Spinal anæsthetic.    |
| 157      | 25   | 2       | 40                           | —                           | Undelivered              | —                        | A       | —   | —                  | Ext. version.  |
| 201      | 36   | 4       | 35                           | —                           | Spontaneous<br>version   | —                        | A       | —   | —                  |  |
| 623      | —    | —       | 40                           | 18                          | Spontaneous              | 6 $\frac{1}{4}$          | A       | A   | —                  |  |
| 1293     | 29   | 3       | 40                           | 12                          | Int. version             | 6 $\frac{3}{4}$          | A       | SB  | —                  | Hydramnios.  |
| 1701     | 38   | 4       | 39                           | 11                          | Spontaneous              | 7 $\frac{1}{2}$          | A       | A   | —                  | H.B.P. Spontaneous<br>version to breech.                       |
| 2002     | 30   | 2       | 34                           | 12                          | Spontaneous<br>evolution | 6                        | A       | SB  | —                  | Manual removal of<br>placenta.                                 |
| 2458     | 32   | 5       | 44                           | 35                          | Forceps                  | ?                        | A       | A   | —                  | C.P. D.C. 4 ins. Hydram-<br>nios. Spont. version to<br>vertex. |
| 3119     | 26   | 1       | 40                           | 19                          | Int. version             | 6 $\frac{1}{2}$          | A       | SB  | —                  | H.B.P.   |
| 3135     | 32   | 3       | 40                           | 6                           | Man. breech              | 8 $\frac{1}{4}$          | A       | A   | —                  | C.P. D.C. 4 $\frac{1}{4}$ ins.                                 |
| 3980     | 31   | 1       | 42                           | 72                          | Int. version             | 7                        | A       | SB  | —                  | Delay in diagnosis.  |

## B. Others.

|      |    |   |    |    |                       |                 |   |    |   |                                     |
|------|----|---|----|----|-----------------------|-----------------|---|----|---|-------------------------------------|
| 129  | 32 | 2 | 40 | 13 | Int. version          | 6 $\frac{3}{4}$ | A | A  | — |                                     |
| 244  | 30 | 2 | 40 | 29 | Man. breech           | 8 $\frac{1}{4}$ | A | A  | — | C.P. D.C. 4 $\frac{1}{4}$ ins. Ext. |
|      |    |   |    |    | Spontaneous           |                 |   |    |   | version to vertex.                  |
| 250  | 26 | 3 | 40 | 48 | Forceps               | 8               | A | D  | — | Ext. version to vertex.             |
| 403  | 19 | 2 | 28 | 12 | Int. version          | 1 $\frac{3}{4}$ | A | SB | P | Prol. arm.                          |
|      |    |   |    |    | Man. breech           |                 |   |    |   | P.U.O.                              |
| 515  | 20 | 2 | 36 | 20 | Int. version          | 5               | D | SB | — | Manual breech. Death                |
| 742  | 39 | 6 | 28 | 11 | Spontaneous           | 3 $\frac{3}{4}$ | A | SB | — | under anæsthesia.                   |
|      |    |   |    |    | Int. version          |                 |   |    |   | Twins. First child born             |
| 920  | 42 | 5 | 37 | 8  | Int. version          | 6 $\frac{3}{4}$ | A | A  | — | on district.                        |
| 1071 | 33 | 4 | 39 | 14 | Man. breech           | 7               | A | A  | — |                                     |
| 1124 | 39 | 8 | 40 | 15 | Spontaneous<br>breech | 7 $\frac{1}{2}$ | A | SB | — |                                     |

| Reg.<br>No. | Age. | Parity. | Maturity at<br>wks | Duration of<br>Labour.<br>hrs. | Mode of<br>Delivery.                  | Weight of<br>Child.<br>lbs. | Result. |     | Pyrexia or<br>Sepsis. | Remarks.  |
|-------------|------|---------|--------------------|--------------------------------|---------------------------------------|-----------------------------|---------|-----|-----------------------|---|
|             |      |         |                    |                                |                                       |                             | M.      | Ch. |                       |   |
| 1979        | 25   | 1       | 40                 | 13                             | Forceps                               | 6 $\frac{1}{4}$             | A       | A   | —                     | Ext. version to vertex.<br>Surg. induction.   |
| 2161        | 29   | 2       | 37                 | 9                              | Int. version<br>Man. breech           | 4                           | A       | A   | —                     |   |
| 2498        | 34   | 6       | 40                 | 15                             | Int. version<br>Man. breech           | 7                           | A       | A   | —                     | Prolapsed cord.   |
| 2870        | 42   | 2       | 39                 | —                              | Undelivered                           | —                           | A       | —   | —                     | Spont. version to vertex.   |
| 3090        | 32   | 4       | 39                 | 6                              | Int. version<br>Man. breech           | 6                           | D       | SB  | —                     | Mixed acc. haemorrhage.<br>Blood transfusion.<br>Died from obstetric<br>shock. (See under deaths)                                 |
| 3330        | 36   | 3       | 40                 | 43                             | Int. version<br>Man. breech           | 8 $\frac{1}{2}$             | A       | SB  | —                     |   |
| 3504        | 41   | 4       | 42                 | —                              | Laparotomy                            | 9 $\frac{1}{4}$             | D       | SB  | S                     | Sub-total hysterectomy.<br>Bilateral salpingo-<br>oophorectomy. Blood<br>transfusion. Died from<br>sepsis. (See under<br>deaths.) |
| 3540        | 33   | 2       | 41                 | 9                              | Spontaneous<br>breech                 | 8 $\frac{1}{4}$             | A       | SB  | —                     | Ext. version to breech.<br>C.P. D.C. 4 $\frac{1}{4}$ ".   |
| 3578        | 33   | 4       | 38                 | 12                             | Decapitation                          | 7                           | A       | SB  | —                     | Macerated foetus.   |
| 3594        | 31   | 4       | 40                 | 17                             | Int. version<br>Spontaneous<br>breech | 5 $\frac{1}{2}$             | A       | A   | —                     |   |

## MULTIPLE PREGNANCY.

## 1. Twins.

There were twins in 83 cases during the year. Twenty-seven were in primigravidæ and 56 in multiparæ. Three cases were undelivered. There was one maternal death (1943) a case of adherent placenta from post partum haemorrhage and shock, giving a death rate of 1.3 per cent. of cases treated. Of the infants 143 or 89.4 per cent. were born alive and 17 or 10.6 per cent. were still-born. Forty-eight of the infants born alive died in hospital, the cause of death being prematurity in 43 cases.

The individual cases have not been tabulated but the following facts have been noted. Puerperal sepsis occurred 4 times and puerperal pyrexia occurred 4 times. Pregnancy was further complicated by toxæmia in 18 cases, hydramnios in 4 cases, accidental haemorrhage in 2 cases, pyelonephritis in 2 cases, and in 1 case an unsuccessful attempt at delivery by forceps had been made before admission. Cæsarean section was performed three times, twice the repeat operation for contracted pelvis and once on account of placenta prævia. Tables have been drawn up to show results, presentations, relative infantile weights and modes of delivery. Delivery was completely spontaneous in 48 cases.

TABLE 1—*Results.*

|                | Mother. |    | Child 1. |      |    |        | Child 2. |      |    |        |
|----------------|---------|----|----------|------|----|--------|----------|------|----|--------|
|                | A.      | D. | A.       | S.B. | D. | Total. | A.       | S.B. | D. | Total. |
| Category A - - | 29      | —  | 16       | 4    | 9  | 29     | 16       | 3    | 10 | 29     |
| Category B - - | 50      | 1  | 37       | 4    | 10 | 51     | 26       | 6    | 19 | 51     |
| Totals - -     | 79      | 1  | 53       | 8    | 19 | 80     | 42       | 9    | 29 | 80     |

TABLE 2—*Presentations.*

| Child 1.<br>Child 2. | Vertex<br>Breech | Breech<br>Vertex | Vertex<br>Vertex | Trans-<br>verse<br>Vertex | Breech<br>Trans-<br>verse | Breech<br>Brow | Breech<br>Breech | Total |
|----------------------|------------------|------------------|------------------|---------------------------|---------------------------|----------------|------------------|-------|
| Category A - -       | 5                | 2                | 10               | —                         | —                         | —              | 12               | 29    |
| Category B - -       | 9                | 7                | 30               | —                         | 1                         | —              | 4                | 51    |
| Totals - -           | 14               | 9                | 40               | —                         | 1                         | —              | 16               | 80    |

TABLE 3—*Showing Weights of Infants.*

|                | Under 5 lbs. | 5 - 6 lbs. | 6 - 7 lbs. | Over 7 lbs. |
|----------------|--------------|------------|------------|-------------|
| Category A - - | 26           | 16         | 16         | —           |
| Category B - - | 48           | 20         | 28         | 6           |
| Totals - -     | 74           | 36         | 44         | 6           |

TABLE 4—*Showing Mode of Delivery.*

|                | Spontaneous. | Version. | Forceps. | Manual<br>Breech. | Caesarean<br>Section |
|----------------|--------------|----------|----------|-------------------|----------------------|
| Category A - - | 34           | 2        | 3        | 13                | 6                    |
| Category B - - | 85           | 5        | 5        | 7                 | —                    |
| Totals - -     | 119          | 7        | 8        | 20                | 6                    |

2. *Triplets.*

There were no cases of triplets during the year.

## OBSTETRICAL OPERATIONS.

The number of obstetrical operations performed during the year 1935 was 1,730. A summary of these is given in the following tables :—

1. *Forceps.*

Forceps were applied in 453 cases, and the results are shown in the following table :—

| Indication for Operation.                    | No. of Cases. | Mother. |       | Child. |      |       | Sepsis. | Pyrexia. |
|--|---------------|---------|-------|--------|------|-------|---------|----------|
|  |               | Alive.  | Died. | Alive. | S.B. | Died. |         |          |
| Contracted pelvis -                          | 94            | 94      | —     | 69     | 18   | 7     | 2       | 3        |
| Occipito-posterior -                         | 116           | 113     | 3     | 91     | 17   | 8     | 8       | 6        |
| Contracted pelvis and occipito-posterior - - | 39            | 36      | 3     | 26     | 9    | 4     | 3       | 2        |
| Heart disease -                              | 4             | 4       | —     | 3      | —    | 1     | —       | —        |
| Dystocia - -                                 | 28            | 27      | 1     | 17     | 5    | 7     | 6       | —        |
| Delay in 2nd stage                           | 48            | 48      | —     | 40     | 5    | 3     | 4       | 2        |
| Acc. haemorrhage -                           | 5             | 4       | 1     | 2      | 2    | —     | —       | —        |
| Prolonged labour -                           | 57            | 57      | —     | 41     | 8    | 8     | 4       | 6        |
| Toxæmia of pregnancy - -                     | 62            | 57      | 5     | 32     | 22   | 8     | 6       | 11       |
| <hr/>  |               |         |       |        |      |       |         |          |
| Totals - -                                   | 453           | 440     | 13    | 321    | 86   | 46    | 33      | 30       |

Twins (once).

2. *Cæsarean Section.*

Cæsarean section was performed in 233 cases. In 173 cases the classical operation was performed and in 60 cases the lower segment operation was performed.

## (1) CLASSICAL OPERATION.

| Indication for Operation.                | No. of Cases. | Mother. |       | Child. |      |       | Sepsis. | Pyrexia. |
|--|---------------|---------|-------|--------|------|-------|---------|----------|
|  |               | Alive.  | Died. | Alive. | S.B. | Died. |         |          |
| Contracted pelvis -                      | 97            | 94      | 3     | 85     | 3    | 12    | 4       | 18       |
| Placenta prævia, -                       | 37            | 36      | 1     | 20     | 7    | 11    | 1       | 9        |
| Toxæmia of pregnancy -                   | 7             | 6       | 1     | 5      | —    | 2     | —       | 1        |
| Heart disease -                          | 12            | 12      | —     | 8      | —    | 4     | —       | 3        |
| Disproportion or bad obstetric history - | 6             | 6       | —     | 4      | 1    | 1     | —       | 2        |
| Others - - -                             | 14            | 14      | —     | 9      | —    | 5     | 2       | 1        |
| Totals - -                               |               | 173     | 168   | 5      | 131  | 11    | 35      | 7        |
|  |               |         |       |        |      |       |         | 34       |

Twins (four times).

## (2) LOWER UTERINE SEGMENT.

|                            |    |    |    |    |    |   |   |    |
|----------------------------|----|----|----|----|----|---|---|----|
| Contracted pelvis -        | 54 | 53 | 1  | 51 | 1  | 3 | 2 | 13 |
| Disproportion -            | 5  | 5  | —  | 5  | —  | — | — | 2  |
| Chronic pyelonephritis - - | 1  | 1  | —  | 1  | —  | — | — | —  |
| Totals - -                 |    | 60 | 59 | 1  | 57 | 1 | 3 | 2  |
|                            |    |    |    |    |    |   |   | 15 |

Twins (once).

3. *Induction of Labour.*

Surgical induction was performed in 127 cases and the results are shown in the following tables.

(1) ARTIFICIAL RUPTURE OF MEMBRANES.

| Indication for Operation. | Mother. |       | Child. |      |       | Misc. |
|---------------------------|---------|-------|--------|------|-------|-------|
|                           | Alive.  | Died. | Alive. | S.B. | Died. |       |
| Toxæmia of pregnancy      | 52      | 2     | 34     | 9    | 11    | —     |
| Placenta prævia           | 8       | —     | 5      | 1    | 2     | —     |
| Accidental haem.          | 6       | 1     | 1      | 6    | —     | —     |
| Contracted pelvis         | 2       | —     | 2      | —    | —     | —     |
| Hydramnios                | 8       | —     | 3      | 4    | 1     | —     |
| Heart disease             | 3       | 1     | 3      | —    | 2     | —     |
| Pyelitis                  | 5       | 2     | 3      | 3    | 1     | —     |
| Others                    | 7       | —     | 5      | 1    | 2     | —     |
| <hr/>                     |         |       |        |      |       |       |
| Totals                    | -       | 91    | 6      | 56   | 24    | 19    |

Twins (twice).

(2) BOUGIES.

|                      |    |    |    |    |   |   |
|----------------------|----|----|----|----|---|---|
| Toxæmia of pregnancy | 28 | —  | 11 | 9  | 9 | — |
| Disproportion        | -  | 1  | —  | 1  | — | — |
| Pyelitis             | -  | 1  | —  | 1  | — | — |
| Totals               | -  | 30 | —  | 13 | 9 | 9 |

Twins (once).

Medical induction was performed in 120 cases.

| Indication for Operation. | Mother. |       | Child. |      |       | Misc. |
|---------------------------|---------|-------|--------|------|-------|-------|
|                           | Alive.  | Died. | Alive. | S.B. | Died. |       |
| Contracted pelvis -       | 44      | 1     | 40     | 5    | —     | —     |
| Toxæmia of pregnancy      | 41      | 2     | 32     | 9    | 2     | —     |
| Heart disease -           | 3       | 1     | 3      | —    | 1     | —     |
| Accidental hæm.           | 2       | —     | 2      | —    | —     | —     |
| Disproportion -           | 5       | —     | 5      | —    | —     | —     |
| Placenta prævia -         | 2       | —     | 2      | —    | —     | —     |
| Pyelitis - - -            | 2       | 1     | —      | 2    | 1     | —     |
| Others - - - -            | 16      | —     | 16     | 1    | —     | —     |
| <hr/>                     |         |       |        |      |       |       |
| Totals - - -              | 115     | 5     | 100    | 17   | 4     | —     |

(Twins (once)).

4. *Version.*

Version was performed in 155 cases and the results are shown in the following tables:—

## (1) EXTERNAL.

| Indication for Operation. | Mother. |       | Child. |      |       | Undelivered | Mis-carriage |
|---------------------------|---------|-------|--------|------|-------|-------------|--------------|
|                           | Alive.  | Died. | Alive. | S.B. | Died. |             |              |
| Breech presentation - -   | 104     | —     | 17     | 3    | 2     | 82          | —            |
| Placenta prævia - -       | 2       | 1     | —      | 2    | —     | 1           | —            |
| Transverse - - -          | 6       | —     | 3      | 1    | 1     | 1           | —            |
| Totals - - -              | 112     | 1     | 20     | 6    | 3     | 84          | —            |

## (2) INTERNAL.

|                        |    |   |    |    |   |   |   |
|------------------------|----|---|----|----|---|---|---|
| Placenta prævia - -    | 10 | 1 | 3  | 7  | 1 | 1 | — |
| Transverse - - -       | 13 | 2 | 7  | 8  | — | — | — |
| Prolapsed cord - -     | 2  | — | 1  | 1  | — | — | — |
| Twins - - -            | 2  | — | 1  | —  | 1 | — | — |
| Occipito-posterior - - | 1  | — | —  | 1  | — | — | — |
| Others - - - -         | 4  | 1 | 1  | 4  | — | — | — |
| Totals - - -           | 32 | 4 | 13 | 21 | 2 | 1 | — |

## (3) BIPOLE.

|                       |   |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|---|
| Placenta prævia - -   | 5 | — | — | 4 | 1 | — | — |
| Cord presentation - - | 1 | — | — | 1 | — | — | — |
| Totals - - -          | 6 | — | — | 5 | 1 | — | — |

### 5. *Manual Removal of Placenta.*

The placenta or membranes were removed manually in 40 cases, and the results are shown in the following table :—

| Reason for Removal.           | Mother. |       | Sepsis. | Pyrexia. |
|-------------------------------|---------|-------|---------|----------|
|                               | Alive.  | Died. |         |          |
| Adherent placenta - - -       | 3       | 1     | —       | 1        |
| Retained placenta - - -       | 27      | 2     | 4       | 6        |
| Post-partum haemorrhage - - - | 6       | 1     | 2       | 1        |
| <br>Totals - - -              | 36      | 4     | 6       | 8        |

### 6. *Craniotomy.*

Craniotomy was performed in 18 cases and the results are shown in the following table :—

| Indication for Operation. | No.<br>of<br>Cases. | Mother. |       | Sepsis. | Pyrexia. |
|---------------------------|---------------------|---------|-------|---------|----------|
|                           |                     | Alive.  | Died. |         |          |
| Hydrocephalus - - -       | 1                   | 1       | —     | —       | 1        |
| Contracted pelvis - - -   | 10                  | 9       | 1     | 1       | 1        |
| Disproportion - - -       | 3                   | 3       | —     | —       | —        |
| Malpresentation - - -     | 2                   | 2       | —     | 1       | —        |
| Toxaemia - - -            | 2                   | 2       | —     | —       | —        |
| <br>Totals - - -          | 18                  | 17      | 1     | 2       | 2        |

### 7. *Perforation and Forceps.*

In 15 cases delivery was effected by perforation and forceps and the results are shown in the following table :—

| Indication for Operation. | Mother. |       | Sepsis. | Pyrexia. |
|---------------------------|---------|-------|---------|----------|
|                           | Alive.  | Died. |         |          |
| Malpresentation           | 3       | —     | 1       | 1        |
| Hydrocephalus             | 6       | —     | 1       | —        |
| Disproportion             | 2       | —     | —       | —        |
| Contracted pelvis         | 2       | —     | 1       | —        |
| Toxæmia of pregnancy      | —       | 1     | —       | —        |
| Encephalocoele            | 1       | —     | —       | —        |
| <br>Totals                | 14      | 1     | 3       | 1        |

### 8. *Oophorectomy, Ovariotomy, Salpingectomy, or Salpingo-oophorectomy.*

The above operations were performed in 18 cases, and the results are shown in the following table :—

| Indication for Operation. | Mother. |       |
|---------------------------|---------|-------|
|                           | Alive.  | Died. |
| Ovarian cyst              | 9       | —     |
| Ectopic pregnancy         | 8       | —     |
| Bicornuate uterus         | 1       | —     |
| <br>Totals                | 18      | —     |

9. *Hysterotomy.*

Abdominal hysterotomy was performed in 32 cases, and the results are shown in the following table :—

| Indication for Operation. | Mother. |       | Sterilised. | Sepsis. | Pyrexia. |
|---------------------------|---------|-------|-------------|---------|----------|
|                           | Alive.  | Died. |             |         |          |
| Toxæmia of pregnancy      | 10      | —     | 3           | 1       | 2        |
| Heart disease             | 12      | 1     | 13          | —       | 1        |
| Exophthalmic goitre       | 3       | —     | 2           | —       | —        |
| Renal insufficiency       | 1       | —     | 1           | —       | —        |
| Post encephalitis         | 1       | —     | 1           | —       | 1        |
| Pulmonary T.B.            | 1       | 1     | 2           | —       | —        |
| Pyelonephritis            | 2       | —     | 2           | —       | —        |
| Totals                    | 30      | 2     | 24          | 1       | 4        |

10. *Hysterectomy.*

Hysterectomy was performed in 6 cases, on account of rupture of the uterus in 5 cases and of fibroids in one case. Two cases died from sepsis and one from obstetric shock.

11. *Blood Transfusion.*

Ninety-two patients were treated by blood transfusion, in all 105 transfusions being given. This compares with 43 transfusions in 1934 and 12 in 1933. Seven patients received 2 transfusions and 2 received three. Only two of these 92 patients died from haemorrhage and in one of the cases the blood was secured very late. The causes of death in the other cases were sepsis and intercurrent disease.

Table showing various conditions treated by blood transfusion.

| Condition.   | Retained Placenta and P.P.H. | Abortion. | Placenta Prævia. | Accidental Haemorrhage. | Rupture of Uterus. | Anæmia. | Fibroids. | Obstetric Shock. |
|--------------|------------------------------|-----------|------------------|-------------------------|--------------------|---------|-----------|------------------|
| No. of cases | 28                           | 22        | 19               | 16                      | 3                  | 2       | 1         | 1                |

*Various other Operations.*

The following list shows the frequency of the various other operations during the year:—

|                             |   |   |   |     |                             |   |   |   |   |     |
|-----------------------------|---|---|---|-----|-----------------------------|---|---|---|---|-----|
| Appendicectomy              | - | - | - | 1   | Laparotomy                  | - | - | - | - | 2   |
| Curettage                   | - | - | - | 202 | Lumbar puncture             | - | - | - | - | 6   |
| Decapitation                | - | - | - | 3   | Pessary fitted              | - | - | - | - | 11  |
| Incision of breast          | - | - | - | 33  | Spinal anæsthesia           | - | - | - | - | 146 |
| Myomectomy                  | - | - | - | 1   | Transfusion :—              |   |   |   |   |     |
| Vaginal septum incised      | - | - | - | 1   | Saline (intravenous)        | - | - | - | - | 113 |
| Cervical polypus excised    | - | - | - | 1   | (subcutaneous)              | - | - | - | - | 2   |
| Excision of gland           | - | - | - | 1   | Venesection                 | - | - | - | - | 1   |
| Excision of caruncle        | - | - | - | 1   | Trachelotomy                | - | - | - | - | 1   |
| Sterilisation in puerperium | - | - | - | 5   | Surgical induction by tents | - | - | - | - | 1   |
|                             |   |   |   | —   |                             |   |   |   |   | —   |
|                             |   |   |   | 249 |                             |   |   |   |   | 283 |
|                             |   |   |   | —   |                             |   |   |   |   | —   |

Five hundred and sixty-nine cases of contracted pelvis were admitted during the year 1935, and of these 389 had been under supervision at the hospital clinic. There were 8 (or 1.4 per cent.) maternal deaths in the hospital, of which 4 were delivered by Cæsarean section and 4 by forceps. The cause of death in the first group was sepsis in 3 cases and obstetric shock in 1 case, and the cause of death in the second group was sepsis in 1 case, pneumonia and pyonephrosis in 1 case, acute pyelonephritis in 1 case, and eclampsia in 1 case. Two cases died after transfer to a fever hospital. One, a case delivered by forceps died from acute pyelonephritis and the other, a case delivered by the lower segment Cæsarean section operation, died from pulmonary tuberculosis. Puerperal sepsis was noted in 19 cases and puerperal pyrexia in 56 cases. There were 493 (or 88.0 per cent.) children born alive, and of this number, 47 died. There were 68 (or 12.0 per cent.) still-births.

*A.—Cases under Ante-natal Supervision at Hospital Clinic (Total, 389).*

| Mode of Delivery.            | No. of Cases. | Mother. |       | Child.     |            | Mortality per cent. |            | Pyrexia.   | Sepsis.   | Total.     |
|------------------------------|---------------|---------|-------|------------|------------|---------------------|------------|------------|-----------|------------|
|                              |               | Alive.  | Died. | Alive.     | S.B.       | Died.               | M.         |            |           |            |
| Spontaneous                  | -             | -       | -     | 178        | 178        | -                   | 16         | 5.6        | 10        | 3          |
| Forceps                      | -             | -       | -     | 74         | 71         | 3                   | 53*        | 20.0       | 8         | 3          |
| Cæsarean section (classical) | -             | -       | -     | 83         | 80         | 3                   | 71         | 3.6        | 13        | 11         |
| Cæsarean section (L.U.S.)    | -             | -       | -     | 38         | 37         | 1                   | 36*        | 2.4        | 13        | 4          |
| Breech cases                 | -             | -       | -     | 2          | 2          | -                   | 1          | 2.7        | 2.6       | 17         |
| Internal version             | -             | -       | -     | 2          | 2          | -                   | -          | -          | 50.0      | 1          |
| Craniotomy                   | -             | -       | -     | 2          | 2          | -                   | -          | -          | -         | 13         |
| Abortions                    | -             | -       | -     | 3          | 3          | -                   | -          | -          | -         | -          |
| Undelivered                  | -             | -       | -     | 7          | 7          | -                   | -          | -          | -         | -          |
| <b>Totals</b>                | -             | -       | -     | <b>389</b> | <b>382</b> | <b>7</b>            | <b>315</b> | <b>31</b>  | <b>36</b> | <b>1.8</b> |
|                              |               |         |       |            |            |                     |            | <b>8.4</b> | <b>43</b> | <b>11</b>  |
|                              |               |         |       |            |            |                     |            |            |           | <b>54</b>  |

\* Twins (3 times).

## B.—Others (Total, 180).

| Mode of Delivery.            | No. of Cases. | Mother. |       | Child. |      | Mortality per cent. |     | Sepst. | Pyrexia. | Total. |
|------------------------------|---------------|---------|-------|--------|------|---------------------|-----|--------|----------|--------|
|                              |               | Alive.  | Died. | Alive. | S.B. | Died.               | M.  |        |          |        |
| Spontaneous                  | -             | -       | -     | 53     | 53   | -                   | 2   | -      | 9.4      | 3      |
| Forceps                      | -             | -       | -     | 67     | 66   | 1                   | 4   | 27.5   | -        | 6      |
| Cæsarean section (classical) | -             | -       | -     | 19     | 19   | -                   | 2   | 7      | -        | 7      |
| Cæsarean section (L.U.S.)    | -             | -       | -     | 16     | 16   | -                   | 1   | -      | 1        | 2      |
| Breech cases                 | -             | -       | -     | 12     | 12   | -                   | 1   | -      | 1        | -      |
| Internal version             | -             | -       | -     | 1      | 1    | -                   | -   | -      | -        | -      |
| Craniotomy                   | -             | -       | -     | 8      | 8    | -                   | 8   | -      | 1        | 2      |
| Abortions                    | -             | -       | -     | 1      | 1    | -                   | -   | -      | -        | -      |
| Undelivered                  | -             | -       | -     | 3      | 3    | -                   | -   | -      | -        | -      |
| Totals                       | -             | -       | -     | 180    | 179  | 1                   | 131 | 36     | 11       | 21     |
|                              |               |         |       |        |      |                     | 0.6 | 20.2   | 13       | 8      |

\* Twins (twice).

## Groups A and B (Total, 569).

|                              |   |   |   |     |     |   |     |    |     |      |
|------------------------------|---|---|---|-----|-----|---|-----|----|-----|------|
| Spontaneous                  | - | - | - | 231 | 231 | - | 199 | 15 | 18  | 6.5  |
| Forceps                      | - | - | - | 141 | 137 | 4 | 99  | 34 | 11  | 11   |
| Cæsarean section (classical) | - | - | - | 102 | 99  | 3 | 87  | 3  | 2.9 | 2.8  |
| Cæsarean section (L.U.S.)    | - | - | - | 54  | 53  | 1 | 50  | 1  | 4   | 3.9  |
| Breech cases                 | - | - | - | 14  | 14  | - | 9   | 3  | 1.9 | 1.8  |
| Internal version             | - | - | - | 3   | 3   | - | 2   | 1  | -   | 2    |
| Craniotomy                   | - | - | - | 10  | 10  | - | 10  | 1  | -   | 1    |
| Abortions                    | - | - | - | 4   | 4   | - | -   | -  | -   | -    |
| Undelivered                  | - | - | - | 10  | 10  | - | -   | -  | -   | -    |
| Totals                       | - | - | - | 569 | 561 | 8 | 446 | 67 | 47  | 12.0 |
|                              |   |   |   |     |     |   |     |    | 56  | 19   |

Twins (5 times).

## CONTRACTED PELVIS. 1.—INDUCTION OF LABOUR.

It will be observed from the following figures that induction of premature labour, as a treatment of contracted pelvis, is seldom practised in this hospital.

In the cases in which spontaneous delivery occurred medical induction was employed 30 times. Surgical induction was employed twice.

In the cases delivered by cæsarean section medical induction was employed 9 times. Surgical induction was employed twice.

## CONTRACTED PELVIS. 2.—SPONTANEOUS DELIVERY.

Spontaneous delivery occurred in 231 cases of contracted pelvis. The details of these cases have not been individually tabulated, but an analysis between degree of contraction, weight of child, and duration of labour has been made. The following facts were noted :—

There were no maternal deaths. The still-birth rate was 6.5 per cent. and the combined pyrexia and sepsis rate 7.0 per cent. Cæsarean section had been previously performed in 4 cases. Pregnancy was complicated by albuminuria in 9 cases, by high blood pressure in 9 cases, by pyelitis in 2 cases, and by cardiac disease in 2 cases. Labour was further complicated by occipito-posterior position in 4 cases, by twins in 1 case and by accidental haemorrhage in 4 cases. In 1 case an attempt at delivery by forceps had been made outside.

On analysing the 15 still-births and 18 infantile deaths the following points were noted :—

In the cases of still-births 6 of the labours were normal and short so that the still-births could not be easily explained. The other cases were complicated ; the complication being accidental haemorrhage in 3 cases, prolonged labour in 3 cases, precipitate labour in 1 case, intra-uterine death in 1 case, and a previous attempt at delivery by forceps outside in 1 case. The causes of the infantile deaths were prematurity in 8 cases, intra-cranial haemorrhage in 4 cases, enteritis in 2 cases, asphyxia neonatorum in 2 cases, mongolism in 1 case, and septicæmia in 1 case.

## *Analysis of Spontaneous Delivery in cases of Contracted Pelvis.*

| Weight of Child. | Duration of Labour. | CATEGORY A.        |                   |                   | CATEGORY B.        |                   |                   |
|------------------|---------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
|                  |                     | D.C. under 3½ ins. | D.C. 3½ - 4¼ ins. | D.C. over 4¼ ins. | D.C. under 3½ ins. | D.C. 3½ - 4¼ ins. | D.C. over 4¼ ins. |
| Under 7 lbs.     | Under 12 hours      | -                  | 32                | 13                | -                  | 9                 | 3                 |
|                  | 12 - 24 hours       | 1                  | 22                | 10                | -                  | 8                 | 3                 |
|                  | Over 24 hours       | -                  | 9                 | 3                 | -                  | 3                 | 1                 |
| 7 - 8 lbs.       | Under 12 hours      | -                  | 2                 | 11                | -                  | 6                 | 1                 |
|                  | 12 - 24 hours       | -                  | 10                | 6                 | -                  | 3                 | 2                 |
|                  | Over 24 hours       | -                  | 9                 | 7                 | -                  | 4                 | 2                 |
| Over 8 lbs.      | Under 12 hours      | -                  | -                 | 12                | 2                  | -                 | 2                 |
|                  | 12 - 24 hours       | -                  | -                 | 4                 | 4                  | -                 | 2                 |
|                  | Over 24 hours       | -                  | -                 | 1                 | -                  | -                 | 4                 |
|                  | Totals              | -                  | -                 | 3                 | 120                | 56                | 41                |
|                  | Pyrexia             | -                  | -                 | -                 | 7                  | 3                 | 1                 |
|                  | Sepsis              | -                  | -                 | -                 | 1                  | 2                 | 2                 |

Twins once.

## CONTRACTED PELVIS. 3.—FORCEPS DELIVERY.

One hundred and forty-one cases of contracted pelvis were delivered by forceps. In this group there were 4 (2.8 per cent.) maternal deaths in the hospital, 34 still-births and 11 infantile deaths. One case died of acute pyelonephritis after transfer to a fever hospital. On examining the cases in which still-birth occurred it was seen that six of the mothers suffered from toxæmia of pregnancy; 5 of the labours were further complicated by occipito-posterior position and 1 by prolapse of the cord; in 5 cases unsuccessful attempts at delivery by forceps had been made outside and in 3 cases the foetus showed signs of maceration.

A.—Cases under *Ante-natal Supervision at Hospital Clinic.*

| Reg. No. | Age. | Parity. | Maturity at Delivery. | D.C.            | Result. |     | Weight of Child. | Labour. | Pyrexia or Sepsis. | Remarks.  |
|----------|------|---------|-----------------------|-----------------|---------|-----|------------------|---------|--------------------|---|
|          |      |         |                       |                 | M.      | Ch. |                  |         |                    |   |
|          |      |         | wks. ins.             |                 |         |     | lbs.             | hrs.    |                    |   |
| 3        | 35   | 1       | 40                    | 4 $\frac{1}{2}$ | A       | A   | 7 $\frac{1}{4}$  | 19      | —                  | Rigid perineum. Episiotomy.   |
| 100      | 17   | 2       | 40                    | 4 $\frac{1}{4}$ | A       | SB  | 6                | 13      | —                  | R.O.P. Manual rotation.   |
| 109      | 21   | 1       | 36                    | ?               | A       | A   | 8                | 21      | —                  | Foetal distress.  |
| 155      | 27   | 2       | 40                    | ?               | A       | A   | 8 $\frac{1}{4}$  | 17      | —                  | High forceps.   |
| 391      | 24   | 1       | 40                    | ?               | A       | A   | 6                | 17      | —                  | Contr. outlet. L.O.P. Manual rotation.  |
| 429      | 22   | 1       | 38                    | 4 $\frac{1}{4}$ | A       | A   | 7 $\frac{3}{4}$  | 55      | —                  | Episiotomy. Maternal distress.  |
| 450      | 19   | 1       | 42                    | 4               | A       | SB  | 7                | 34      | P                  | L.O.P. Attempted rotation. Delivered as O.P.  |
| 478      | 28   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | A   | 6                | 10      | —                  | Episiotomy.   |
| 563      | 33   | 5       | 40                    | 4               | A       | A   | 7                | 9       | —                  | Foetal distress. High forceps.  |
| 577      | 26   | 1       | 40                    | 4 $\frac{1}{2}$ | A       | A   | 5 $\frac{3}{4}$  | 61      | —                  | R.O.P. Manual rotation.   |
| 646      | 28   | 2       | 40                    | 4 $\frac{1}{2}$ | A       | A   | 6 $\frac{3}{4}$  | 24      | —                  | —   |
| 719      | 21   | 1       | 39                    | 4 $\frac{1}{4}$ | A       | A   | 8                | 37      | —                  | G.C.P.  |
| 757      | 27   | 2       | ?                     | 4 $\frac{1}{4}$ | A       | SB  | 5 $\frac{3}{4}$  | 28      | —                  | High forceps. Walcher position.   |
| 856      | 28   | 1       | 39                    | —               | D       | SB  | 7                | 15      | P                  | L.O.P. Delivered as O.P. Died on 4th day of puerperium from pyonephrosis and lobar pneumonia. (See under deaths.) |
| 862      | 40   | 1       | 41                    | 4               | A       | D   | 8                | 37      | —                  | R.O.P. Manual rotation.   |
| 872      | 36   | 2       | 39                    | 4 $\frac{1}{2}$ | A       | A   | 8 $\frac{1}{2}$  | 5       | P                  | P.U.O. Mild diabetes.   |
| 939      | 41   | 8       | ?                     | 4 $\frac{1}{4}$ | A       | —   | —                | —       | —                  | Observation.  |
| { 1969   | —    | —       | 40                    | —               | A       | A   | 9                | 33      | —                  | Oedematous anterior lip of cervix.  |
| 1012     | 34   | 2       | 39                    | 3 $\frac{3}{4}$ | A       | D   | 6                | 11      | S                  | Uterine sepsis. Slight P.P.H.   |
| 1118     | 34   | 2       | 40                    | 4               | A       | SB  | 6 $\frac{3}{4}$  | 34      | —                  | Oedematous anterior lip of cervix. Incision of cervix.  |
| 1231     | 26   | 1       | 39                    | 4 $\frac{3}{8}$ | A       | A   | 7                | 26      | —                  | Maternal distress. Episiotomy.  |
| 1304     | 22   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | A   | 7                | 22      | —                  | L.O.P. Manual rotation.   |
| 1321     | 39   | 9       | 40                    | 4 $\frac{1}{4}$ | A       | A   | 7 $\frac{1}{4}$  | 11      | —                  | R.O.P. Manual rotation. High forceps.   |
| 1347     | 39   | 2       | 39                    | 4 $\frac{1}{2}$ | A       | SB  | 6 $\frac{1}{2}$  | 10      | —                  | Breech. Ext. version. Med. induction High forceps.  |
| { 1388   | 21   | 1       | —                     | —               | A       | —   | —                | —       | —                  | Mild albuminuria.   |
| { 1627   | —    | —       | 39                    | 4 $\frac{1}{4}$ | A       | SB  | 6 $\frac{1}{4}$  | 18      | —                  | Severe albuminuria.   |

| Reg. No. | Age. | Parity. | Maturity at Delivery.<br>wks. ins. | D.C. | Result. |     | Weight of Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or Sepsis. | Remarks.  |
|----------|------|---------|------------------------------------|------|---------|-----|--------------------------|-----------------|--------------------|---|
|          |      |         |                                    |      | M.      | Ch. |                          |                 |                    |   |
| 1395     | 26   | 1       | 40                                 | 7    | A       | A   | 7                        | 15              | —                  | Prol. cord. Episiotomy.   |
| 1553     | 23   | 1       | ?45                                | —    | A       | A   | 9½                       | 22              | S                  | Contr. outlet. Transferred to Fever Hospital where laparotomy performed for pyosalpinx. Dismissed well. |
| 1622     | 33   | 2       | 39                                 | 4½   | A       | A   | 6¾                       | 120             | —                  | Foetal distress.  |
| 1813     | 24   | 1       | 40                                 | —    | A       | SB  | 9½                       | ?60             | —                  | F.F.O. R.O.P. Contr. outlet. Manual rotation. Complete tear.  |
| 1887     | 19   | 1       | 40                                 | —    | A       | D   | 7½                       | 41              | P                  | P.U.O. Mild albuminuria. Adherent placenta. Manual removal.   |
| 1895     | 27   | 2       | 40                                 | 4½   | A       | A   | 8                        | 3               | P                  | Previous section. Mastitis.   |
| 1937     | 24   | 2       | 41                                 | 4½   | A       | SB  | 7½                       | 21              | —                  | Foetal distress.  |
| 2036     | 32   | 5       | 40                                 | 4½   | A       | A   | 9                        | 9               | —                  | R.O.P. Manual rotation. High Forceps.   |
| 2109     | 25   | 1       | 40                                 | 4½   | A       | A   | 6½                       | 21              | —                  | Foetal distress.  |
| 2110     | 29   | 4       | 36                                 | 3¾   | A       | A   | 7                        | 6               | —                  | R.O.P. Manual rotation. Walcher position. High forceps.   |
| 2262     | 19   | 1       | 40                                 | 4    | A       | A   | 8                        | 26              | —                  | R.O.P. Manual rotation. Episiotomy.   |
| 2265     | 29   | 2       | 40                                 | 4½   | A       | SB  | 8¼                       | 34              | —                  | Difficult extraction.   |
| 2314     | 20   | 1       | 40                                 | 4½   | A       | A   | 6                        | 15              | —                  | —   |
| 2400     | 29   | 1       | 40                                 | 4    | A       | A   | 7¼                       | 42              | —                  | Mild pyrexia.   |
| 2432     | 22   | 1       | 40                                 | 4¾   | A       | A   | 6                        | 25              | —                  | Rigid perineum.   |
| { 2447   | 21   | 1       | —                                  | 4½   | A       | —   | —                        | —               | —                  | Breech. Ext. version.   |
|          | —    | —       | 40                                 | 4½   | A       | A   | 7¾                       | 11              | —                  | Episiotomy.   |
| 2458     | 32   | 5       | 44                                 | 4    | A       | A   | ?                        | 35              | —                  | Tranverse. Hydramnios. Spontaneous version. High forceps.   |
| 2649     | 21   | 2       | 40                                 | —    | A       | A   | 8½                       | 48              | —                  | R.O.P. Manual rotation.   |
| 2698     | 20   | 1       | 42                                 | 4½   | A       | A   | 6¾                       | 15              | P                  | R.O.P. Manual rotation. P.U.O.  |
| 2782     | 27   | 1       | 33                                 | —    | A       | A   | 7                        | 72              | —                  | Ret. plac. manually removed.  |
| 2805     | 21   | 1       | 39                                 | 4½   | A       | A   | 6¾                       | 3               | —                  | Spinal anaesthetic. Episiotomy.   |
| 2837     | 28   | 1       | ?                                  | —    | A       | A   | 6¾                       | 25              | —                  | Contr. outlet.  |
| 2842     | 23   | 1       | 40                                 | 3¾   | A       | A   | 6¾                       | 14              | —                  | High forceps. Episiotomy.   |
| 2888     | 25   | 1       | 40                                 | 4    | A       | SB  | 8½                       | 9               | —                  | Med. ind. twice. Early foetal distress.   |
| 2970     | 28   | 1       | 40                                 | 4½   | A       | A   | 5                        | 16              | —                  | G.C.P.  |
| 3010     | 22   | 1       | 40                                 | 4    | D       | SB  | 8½                       | 19              | —                  | R.O.P. H.B.P. Acute pyelonephritis. Surg. ind. Manual rotation. Died 2½ hours after delivery.           |
| 3020     | 36   | 2       | 40                                 | 3¾   | A       | A   | 9½                       | 57              | —                  | F.F.O. High forceps. Episiotomy. Cervical tear.   |
| 3122     | 39   | 5       | 42                                 | 4    | A       | SB  | 12                       | 13              | —                  | Post maturity. High forceps.  |
| 3197     | 21   | 1       | 40                                 | 4½   | A       | A   | 9                        | 22              | —                  | Complete tear.  |
| 3220     | 34   | 3       | 40                                 | —    | A       | A   | 7                        | 37              | —                  | High forceps. Pr. reached.  |
| 3275     | 21   | 1       | 40                                 | 4½   | A       | A   | 8                        | 20              | —                  | —   |
| 3379     | 23   | 1       | 41                                 | —    | A       | A   | 6¾                       | 14              | —                  | R.O.P. Manual rotation.   |
| 3461     | 21   | 1       | 40                                 | —    | A       | A   | 7½                       | 45              | —                  | H.B.P. Marked oedema.   |
| 3493     | 24   | 1       | 40                                 | —    | A       | A   | 7½                       | 36              | —                  | Observation.  |
| { 3604   | 19   | 1       | —                                  | —    | A       | —   | —                        | —               | —                  | Basal pneumonia. Irreg. dismissal.  |
|          | —    | —       | 40                                 | 4½   | A       | D   | 6½                       | 29              | P                  | —   |

| Reg.<br>No. | Age. | Parity. | Maturity at<br>Delivery.<br>wks. ins. | D.C.            | Result. |     | Weight of<br>Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or<br>Sepsis. | Remarks.  |
|-------------|------|---------|---------------------------------------|-----------------|---------|-----|-----------------------------|-----------------|-----------------------|---|
|             |      |         |                                       |                 | M.      | Ch. |                             |                 |                       |   |
| 3608        | 23   | 1       | 40                                    | 4 $\frac{1}{2}$ | D       | A   | 4 $\frac{1}{2}$             | 120             | S                     | R.O.P. Med. ind. Manual rotation. Intrapartum sepsis. Died 21 hours after delivery. (See under deaths.) |
| 3691        | 22   | 1       | ?36                                   | 4 $\frac{1}{8}$ | A       | D   | 6 $\frac{1}{4}$             | 48              | —                     |   |
| 3692        | 26   | 1       | 42                                    | —               | A       | A   | 6 $\frac{1}{2}$             | 19              | —                     | H.B.P. Episiotomy.  |
| 3706        | 26   | 1       | 40                                    | 4               | A       | A   | 7                           | 46              | —                     |   |
| 3727        | 30   | 1       | 40                                    | 4               | A       | A   | 9                           | 8               | —                     |   |
| 3734        | 34   | 2       | 40                                    | 4               | A       | D   | 3                           | 18              | —                     | Twins. (1) R.O.P. Manual rotation. Forceps. (2) Vertex. Internal version. Manual breech.                |
|             |      |         |                                       |                 | and     | and | 5 $\frac{1}{2}$             |                 |                       |   |
| 3779        | 20   | 1       | 40                                    | 4 $\frac{1}{4}$ | A       | A   | 9                           | 33              | —                     | High forceps. Walcher position.   |
| 3885        | 27   | 1       | 43                                    | —               | A       | A   | 5                           | 17              | P                     | Pyelonephritis. Transferred to Corporation hospital where she died.                                     |
| 4027        | 32   | 2       | 40                                    | 4 $\frac{1}{4}$ | A       | A   | 7 $\frac{3}{4}$             | 12              | —                     | R.O.P. Manual rotation.   |
| 4036        | 28   | 1       | 40                                    | 4 $\frac{1}{4}$ | A       | A   | 6                           | 14              | —                     | Episiotomy. Contr. outlet.  |
| 4145        | —    | 1       | 40                                    | 4 $\frac{1}{4}$ | A       | A   | 6 $\frac{1}{4}$             | 42              | —                     | Mild albuminuria. W.R. + R.O.P. Manual rotation.  |
| 4174        | 28   | 1       | 44                                    | 4 $\frac{1}{4}$ | A       | A   | 9 $\frac{1}{4}$             | 13              | —                     | L.O.P. Medial induction. Manual rotation.   |
| 4283        | 18   | 1       | 41                                    | 4 $\frac{1}{4}$ | A       | SB  | 6                           | 41              | —                     | R.O.P. Manual rotation. Foetal distress.  |
| 4336        | 37   | 1       | 40                                    | 4               | A       | SB  | 7                           | 11              | —                     | Moderate albuminuria. Med. induction. Episiotomy. Cord round neck.                                      |
| 4384        | 20   | 1       | 42                                    | —               | A       | D   | 8                           | 48              | —                     | Episiotomy.   |

B.—*Others.*

|      |    |   |    |                 |     |     |                 |    |   |  |
|------|----|---|----|-----------------|-----|-----|-----------------|----|---|--|
| 1    | 28 | 2 | 40 | 4               | A   | A   | 8 $\frac{3}{4}$ | 14 | — | F.F.O. High forceps.   |
| 50   | 20 | 1 | 42 | 4 $\frac{1}{2}$ | A   | SB  | 8 $\frac{1}{2}$ | 40 | — | Intrauterine death.  |
| 236  | 26 | 1 | 43 | —               | A   | SB  | 7 $\frac{1}{4}$ | 50 | — | Contr. outlet. Macerated foetus.   |
| 566  | 38 | 3 | 40 | —               | A   | A   | 6 $\frac{1}{4}$ | 20 | — | Mild albuminuria. Twins. (1) R.O.P. Manual rotation. Forceps. (2) Vertex. Int. version. Manual breech. |
|      |    |   |    |                 | and | and | 6               |    |   |  |
| 589  | 27 | 3 | 44 | —               | A   | A   | 7               | 18 | — | High forceps. Spinal anæsthetic. Walcher position.   |
| 666  | 31 | — | 39 | —               | A   | A   | 7               | 55 | — | Contr. outlet.   |
| 978  | 41 | 4 | 42 | 4               | A   | A   | 9               | 31 | — | Oedematous anterior lip of cervix. High forceps. Spinal anæsthetic.                                    |
| 1148 | 27 | 1 | 40 | —               | A   | A   | 8 $\frac{1}{2}$ | 48 | — | L.O.P. Spont. rotation. Episiotomy. Spinal anæsthetic.   |
| 1216 | 40 | 4 | 39 | 4 $\frac{1}{4}$ | A   | A   | 7 $\frac{1}{4}$ | 14 | — | L.O.P. Manual rotation.  |
| 1222 | 26 | — | 33 | —               | A   | A   | 5 $\frac{1}{2}$ | 26 | — | Contr. outlet. Episiotomy.   |
| 1423 | 29 | 4 | 40 | —               | A   | A   | ?               | 11 | — | High forceps. Pr. reached.   |
| 1515 | 34 | 2 | 40 | 4 $\frac{1}{2}$ | A   | A   | 7 $\frac{1}{2}$ | 12 | — | F.F.O. Fibroids. High forceps.   |
| 1676 | 38 | 4 | 40 | 4               | A   | SB  | 9               | 11 | — | F.F.O. Rupture of uterus. High forceps. Walcher position. Subtotal hysterectomy. Mild pyrexia.         |

| Reg. No. | Age. | Parity. | Maturity at Delivery. | D.C.            | Result. |     | Weight of Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or Sepsis. | Remarks.   |
|----------|------|---------|-----------------------|-----------------|---------|-----|--------------------------|-----------------|--------------------|--|
|          |      |         |                       |                 | M.      | Ch. |                          |                 |                    |  |
| 1680     | 32   | —       | 40                    | —               | A       | A   | 7 $\frac{3}{4}$          | 50              | P                  | P.U.O  |
| 1723     | 21   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | A   | 6 $\frac{1}{4}$          | 22              | —                  |  |
| 1784     | 21   | 4       | 40                    | 4               | A       | A   | 7                        | 6               | —                  | L.O.P. Manual rotation.  |
| 1804     | 29   | 4       | 40                    | 4               | A       | A   | 7 $\frac{3}{4}$          | 15              | —                  | R.O.P. Manual rotation.  |
| { 1837   | 29   | 1       | 38                    | 4 $\frac{1}{4}$ | A       | —   | —                        | —               | —                  | Breech. Ext. version.  |
|          |      |         |                       |                 |         |     |                          |                 |                    | Breech. Ext. version. R.O.P.   |
| 1931     | —    | —       | 40                    | —               | A       | SB  | 7 $\frac{1}{2}$          | 49              | S                  | Manual rotation. Episiotomy. Uterine sepsis. Child macerated.                                      |
| 1841     | 27   | 1       | 38                    | 4 $\frac{1}{2}$ | A       | A   | 6 $\frac{3}{4}$          | 62              | —                  | Vertex and hand presenting. Hand replaced.   |
| 2042     | 24   | 1       | 42                    | 4 $\frac{1}{4}$ | A       | SB  | 7 $\frac{3}{4}$          | 17              | S                  | Uterine sepsis. I.P. eclampsia. 4 fits.  |
| 2048     | 30   | 6       | 40                    | —               | A       | A   | 8 $\frac{1}{2}$          | 34              | —                  | High forceps. Walcher position.  |
| 2096     | 28   | 2       | 42                    | —               | A       | A   | 7                        | 81              | —                  | G.C.P. R.O.P. Attempted rotation. Delivered as O.P. Episiotomy.                                    |
| 2169     | 31   | 1       | 41                    | —               | A       | A   | 6 $\frac{1}{2}$          | 24              | —                  | G.C.P. Episiotomy.   |
| { 2193   | 19   | 1       | —                     | —               | A       | —   | —                        | —               | —                  | Observation.   |
|          |      |         |                       |                 |         |     |                          |                 |                    | Episiotomy. Spinal with Gas and oxygen anaesthesia.  |
| 2288     | 28   | 1       | 39                    | —               | A       | SB  | 8 $\frac{1}{4}$          | 37              | —                  | Contr. outlet. F.F.O. Mild sepsis.   |
| 2388     | 26   | 1       | 40                    | —               | A       | A   | ?                        | 15              | S                  | R.O.P. Manual rotation. Pr. reached. Uterine sepsis.   |
| 2393     | 31   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | SB  | 7                        | 10              | —                  | High forceps. Walcher position.  |
| 2470     | 21   | 1       | 40                    | 4 $\frac{1}{2}$ | A       | A   | ?                        | 31              | —                  | F.F.O. High forceps. Walcher position. Mild sepsis.  |
| 2499     | 35   | 1       | 43                    | —               | A       | A   | 8 $\frac{3}{4}$          | 30              | —                  | F.F.O. R.O.P. H.B.P. Manual rotation. Pr. reached.   |
| { 2567   | 21   | 1       | —                     | —               | A       | —   | —                        | —               | —                  | Pr. reached. Observation.  |
|          |      |         |                       |                 |         |     |                          |                 |                    | I.P. eclampsia. 1 fit. Episiotomy. Reactionary pyrexia.  |
| 2741     | 19   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | A   | 7 $\frac{3}{4}$          | 36              | —                  |  |
| 2914     | 21   | 1       | 35                    | —               | A       | A   | 7 $\frac{1}{2}$          | 14              | —                  | Contr. outlet. Episiotomy.   |
| 2966     | 23   | 1       | 40                    | 4               | A       | SB  | 5 $\frac{1}{4}$          | 16              | P                  | I.P. eclampsia. 17 fits. Reactionary pyrexia.  |
| 2993     | 30   | 1       | 40                    | —               | A       | A   | 7 $\frac{1}{2}$          | 22              | —                  | R.O.P. Manual rotation. High forceps. Walcher position. Episiotomy.                                |
| 3173     | 31   | 1       | 40                    | 4 $\frac{1}{4}$ | A       | SB  | 6 $\frac{1}{2}$          | 42              | —                  | Oedematous anterior lip of cervix.   |
| 3231     | 33   | 4       | 40                    | 4               | A       | A   | 7 $\frac{1}{4}$          | 23              | —                  | High forceps.  |
| 3309     | 21   | 1       | 39                    | —               | A       | A   | 6 $\frac{3}{4}$          | 6               | —                  | G.C.P.   |
| 3329     | 29   | 1       | 42                    | 3 $\frac{3}{4}$ | A       | SB  | 7 $\frac{3}{4}$          | 35              | —                  | Difficult extraction.  |
| 3364     | 33   | 2       | 40                    | 4               | A       | A   | 7 $\frac{1}{2}$          | 15              | —                  |  |
| 3371     | 49   | 14      | 39                    | 4               | A       | D   | 8                        | 41              | —                  | F.F.O. H.B.P. High forceps. Spinal anaes.  |
| 3407     | 17   | 1       | 40                    | 4 $\frac{1}{2}$ | D       | A   | 6 $\frac{3}{4}$          | 7               | —                  | I.P. eclampsia. 14 fits. ? Cerebral haemorrhage. Died 13 hours after delivery. (See under deaths.) |
| 3528     | 20   | 1       | ?                     | 4               | A       | SB  | 6 $\frac{1}{2}$          | 39              | —                  | F.F.O. R.O.P. Manual rotation. High forceps.   |
| 3541     | 28   | 1       | 40                    | —               | A       | D   | 8 $\frac{1}{2}$          | 40              | —                  | R.O.P. Manual rotation. High forceps. Pr. reached.   |

| Reg.<br>No. | Age. | Parity. | Maturity at<br>Delivery.<br>wks. | D.C. | Result. |     | Weight of<br>Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or<br>Sepsis. | Remarks.   |
|-------------|------|---------|----------------------------------|------|---------|-----|-----------------------------|-----------------|-----------------------|--|
|             |      |         |                                  |      | M.      | Ch. |                             |                 |                       |  |
| 3634        | 23   | 1       | 40                               | —    | A       | A   | 6½                          | 10              | —                     | Pr. reached,   |
| 3657        | 31   | 1       | 37                               | 4½   | A       | A   | 6                           | 16              | —                     |  |
| 3687        | 39   | 3       | 42                               | 4½   | A       | SB  | 8½                          | 23              | —                     | F.F.O. R.O.P. Manual rotation.   |
| { 3663      | 2    | 1       | —                                | —    | A       | —   | —                           | —               | —                     | Contr. outlet. Breech. Ext. version.   |
| 3949        | —    | —       | 40                               | —    | A       | A   | 5½                          | 9               | —                     | L.O.P. Manual rotation. Episiotomy.  |
| 3687        | 39   | 3       | 42                               | 4½   | A       | SB  | 4½                          | 9½              | —                     | F.F.O. R.O.P. Manual rotation.   |
| 3822        | 19   | 1       | 40                               | —    | A       | A   | 7½                          | 19              | —                     | H.B.P. Med. ind.   |
| 3830        | 29   | 3       | 40                               | 3½   | A       | A   | 6¾                          | 72              | —                     | F.F.O. High forceps. Spinal.   |
| 3834        | 29   | 6       | 41                               | 4¾   | A       | A   | 8                           | 11              | —                     | Twins. (1) Spontaneous B.B.O.<br>(2) R.O.P. Manual rotation. High<br>forceps.      |
| 3944        | 23   | 1       | 41                               | —    | A       | A   | 7                           | 20              | —                     | L.O.P. Manual rotation.  |
| 3958        | 46   | 5       | 40                               | 4½   | A       | SB  | 8½                          | 96              | —                     | Macerated foetus.  |
| 3995        | 36   | 6       | 43                               | —    | A       | SB  | 10                          | 16              | —                     | High forceps. Oedematous anterior<br>lip of cervix.                                |
| 4029        | 19   | 1       | 40                               | 4½   | A       | A   | 7¾                          | 37              | —                     |  |
| 4033        | 38   | 1       | 40                               | —    | A       | SB  | 6¾                          | 11              | —                     |  |
| 4040        | 25   | 1       | 40                               | —    | A       | A   | 7½                          | 24              | —                     | R.O.P. Manual rotation. Forceps.   |
| { 4235      | 32   | 1       | —                                | —    | A       | —   | —                           | —               | —                     | Breech. Ext. version.  |
| 4351        | —    | —       | ?46                              | 4    | A       | A   | 6                           | 96              | —                     | Surg. ind. High forceps. Mild<br>pyrexia.  |
| 4280        | 29   | 1       | 40                               | 4½   | A       | SB  | 7¾                          | 48              | —                     | R.O.P. Prol. cord. Attempted<br>replacement. Manual rotation.<br>Macerated foetus. |
| 4285        | 26   | 1       | 40                               | 4    | A       | A   | 6½                          | 51              | —                     | Episiotomy.  |
| 4318        | 27   | 1       | 40                               | —    | A       | A   | 7                           | 18              | —                     |  |
| 4330        | 20   | 2       | 40                               | —    | A       | A   | 7¾                          | 49              | —                     |  |
| 4338        | 28   | 1       | 40                               | —    | A       | A   | 7                           | 20              | —                     | F.F.O. R.O.P. Manual rotation.<br>Episiotomy.                                      |
| 4375        | 30   | 1       | 38                               | 4+   | A       | A   | —                           | 72              | —                     | Vertex and hand presenting. Hand<br>replaced. Episiotomy.                          |
| 4427        | 23   | 2       | 38                               | 4    | A       | D   | 6                           | 54              | —                     | Vaginal septum. Urethral caruncle.<br>Septum incised.                              |
| 4447        | 26   | 1       | 37                               | —    | A       | A   | 6                           | 49              | —                     |  |
| 4457        | 25   | 1       | 41                               | 4½   | A       | A   | 7¾                          | 32              | —                     |  |

## CONTRACTED PELVIS. CÆSAREAN SECTION.

One hundred and fifty-six cases of contracted pelvis were delivered by cæsarean section, the classical operation being performed in 102 cases and the lower segment operation in 54 cases. In this group there were 4 maternal deaths in the hospital, giving a death rate of 2.9 per cent. for the classical operation, 1.9 per cent. for the lower segment operation, and 2.6 per cent. for the two groups taken together. One case died from pulmonary tuberculosis after transfer to a fever hospital. There were 16 infantile deaths and 4 still-births. The causes of the infantile deaths were as follows. In the lower segment operation:—2 from enteritis, 1 from prematurity, and 1 from emphysema; in the classical operation:—4 from enteritis, 5 from prematurity, 1 from pneumonia, 1 from debility, and 1 from meningitis. Of the 4 cases of still-birth one was due to concealed accidental haemorrhage, one to hydrocephalus, one following a trial labour, and for the fourth no cause could be found.

## 4.—CLASSICAL OPERATION.

A.—Cases under *Ante-natal Supervision at Hospital Clinic.*

| Reg No | Age. | Parity. | Maturity at Delivery. | D.C.            | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anaesthetic | Pyrexia or Sepsis | Remarks  |
|--------|------|---------|-----------------------|-----------------|---------|-----|--------------------------|-------------|--------------------|-------------------|--|
|        |      |         |                       |                 | M.      | Ch. |                          |             |                    |                   |  |
|        |      |         | wks.                  | ins             |         |     |                          |             |                    |                   |  |
| 141    | 29   | 1       | 40                    | 4               | A       | A   | 6 $\frac{1}{2}$          | +           | —                  | —                 | Mild pyrexia.  |
| 265    | 23   | 3       | ?                     | —               | A       | A   | 6 $\frac{1}{2}$          | —           | —                  | —                 | Contr. outlet. Previous pregnancies lasted 7 months.   |
| 309    | 23   | 1       | 40                    | 3 $\frac{3}{4}$ | A       | A   | 6                        | —           | —                  | P                 | Mastitis.  |
| 311    | 33   | 6       | 42                    | 4               | A       | A   | 7 $\frac{1}{2}$          | +           | —                  | —                 | W.R. + First two labours spontaneous. Three instrumental deliveries.                                 |
| 395    | 31   | 2       | 62                    | 4 $\frac{1}{2}$ | A       | A   | 7 $\frac{1}{4}$          | —           | +                  | P                 | P.U.O. First child instrumental delivery, still-born.  |
| 519    | 28   | 3       | 40                    | 4               | A       | A   | 7                        | +           | —                  | —                 | First two children still-born.   |
| 533    | 23   | 2       | 40                    | 4               | A       | D   | 9                        | —           | +                  | —                 | Breech. Ext. version. First child still-born. Instrumental delivery. Child died of bronchopneumonia. |
| 656    | 37   | 1       | 38                    | 2 $\frac{3}{4}$ | A       | D   | 5                        | —           | —                  | —                 | Four hours in labour.  |
| 710    | 27   | 1       | 40                    | 4 $\frac{1}{2}$ | A       | D   | 7 $\frac{3}{4}$          | —           | —                  | P                 | Bronchitis. Tuberculosis of hip joint. Child feeble.   |
| 754    | 37   | 5       | 42                    | 4 $\frac{1}{4}$ | A       | A   | 12 $\frac{1}{2}$         | +           | —                  | —                 | Med. ind. Hydramnios. Four previous instrumental deliveries.   |
| 1002   | 19   | 1       | 40                    | 3 $\frac{1}{2}$ | A       | A   | 7 $\frac{1}{2}$          | —           | —                  | —                 | Marked tibial curves.  |
| 1149   | 35   | 8       | 40                    | 4               | A       | A   | 7 $\frac{1}{4}$          | +           | —                  | —                 | Med. ind. Three previous instrumental deliveries.  |
| 1260   | 30   | 2       | 40                    | 3 $\frac{3}{4}$ | A       | A   | 7 $\frac{1}{4}$          | —           | —                  | —                 | One previous three months' abortion.   |

| Reg<br>No | Age. | Parity. | Maturity<br>at Delivery. | D.C.              | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anæsthetic | Pyrexia or Sepsis | Remarks   |
|-----------|------|---------|--------------------------|-------------------|---------|-----|--------------------------|-------------|-------------------|-------------------|---|
|           |      |         |                          |                   | M.      | Ch. |                          |             |                   |                   |   |
| 1522      | 20   | 1       | 40                       | 4                 | A       | A   | ?                        | —           | —                 | —                 | P   |
| 1613      | 25   | 1       | 39                       | 4                 | A       | A   | 6                        | —           | —                 | —                 | Med. ind.   |
| 1825      | 24   | 3       | 39                       | 4                 | A       | A   | ?                        | —           | —                 | —                 | Two previous still-births after instrumental delivery.                    |
| 1869      | 22   | 2       | 38                       | 3 $\frac{3}{4}$ + | A       | D   | 6                        | —           | —                 | —                 | Child died of enteritis.  |
| 2218      | 25   | 3       | 38                       | 4                 | A       | A   | 10                       | —           | —                 | —                 | Breech. Ext. version Two previous instrumental deliveries                 |
| 2231      | 19   | 1       | 41                       | 3 $\frac{3}{4}$   | A       | A   | 8 $\frac{1}{2}$          | —           | —                 | —                 | Med. ind.   |
| 2335      | 22   | 1       | 42                       | 3 $\frac{3}{4}$   | A       | A   | 6                        | —           | —                 | —                 | Breech.   |
| 2355      | 32   | 1       | —                        | —                 | A       | —   | —                        | —           | —                 | —                 | Pyelitis.   |
| 3516      | —    | —       | 38                       | 3 $\frac{1}{2}$ + | A       | A   | 5                        | —           | —                 | —                 | Bronchitis.   |
| 2582      | 31   | 1       | 39                       | 4 $\frac{1}{4}$   | A       | A   | 6 $\frac{3}{4}$          | —           | —                 | —                 | Memb. ruptured 5 days.  |
| 2714      | 28   | 3       | —                        | —                 | A       | —   | —                        | —           | —                 | —                 | Observation.  |
| 3144      | —    | —       | 40                       | 4 $\frac{1}{2}$   | A       | A   | 8 $\frac{1}{2}$          | —           | —                 | —                 | No previous living child.   |
| 2887      | 24   | 1       | —                        | —                 | A       | —   | —                        | —           | —                 | —                 | Observation.  |
| 3159      | —    | —       | 40                       | 3 $\frac{1}{2}$   | A       | A   | 7                        | —           | —                 | —                 | Mastitis.   |
| 3167      | 33   | 2       | —                        | —                 | A       | —   | —                        | —           | —                 | —                 | Mitral stenosis. Two weeks in ante-natal wards.                           |
| 4302      | —    | —       | 40                       | 4 $\frac{1}{2}$   | A       | A   | 7                        | —           | —                 | —                 | Distress early in labour.   |
| 3191      | 26   | 4       | —                        | —                 | A       | —   | —                        | —           | —                 | —                 | Breech. Observation. Two previous still-births.                           |
| 3400      | —    | —       | 40                       | 4                 | A       | A   | 6 $\frac{1}{2}$          | —           | —                 | —                 | Observation.  |
| 3257      | 24   | 1       | 39                       | 3 $\frac{3}{4}$   | A       | A   | 7                        | —           | —                 | —                 | —   |
| 3267      | 27   | 1       | 37                       | —                 | A       | —   | —                        | —           | —                 | —                 | Observation.  |
| 4063      | —    | —       | 40                       | 3 $\frac{5}{8}$   | A       | A   | 6 $\frac{1}{2}$          | —           | —                 | —                 | —   |
| 3281      | 29   | 1       | 36                       | —                 | A       | —   | —                        | —           | —                 | —                 | Observation. B.P. 160/90.   |
| 3784      | —    | —       | 41                       | 4                 | A       | A   | 6 $\frac{1}{2}$          | —           | —                 | —                 | B.P. 230/130 Alb. .15 per cent.   |
| 3390      | 33   | 2       | 41                       | 3 $\frac{1}{2}$   | A       | A   | 5 $\frac{1}{2}$          | —           | —                 | —                 | Med. ind.   |
| 3412      | 27   | 2       | 38                       | 4 $\frac{1}{4}$   | A       | A   | 5 $\frac{3}{4}$          | —           | —                 | —                 | Bronchitis. Cent. plac. prævia. 8 weeks in a.n. wards.                    |
| 3511      | 36   | 3       | 40                       | 4                 | A       | A   | 7                        | —           | —                 | —                 | One previous miscarriage and one craniotomy.                              |
| 3561      | 33   | 3       | 39                       | 3 $\frac{3}{4}$   | A       | A   | 8                        | —           | —                 | —                 | Two previous miscarriages.  |
| 3768      | 30   | 4       | 40                       | 3 $\frac{3}{4}$   | A       | D   | 8                        | —           | —                 | —                 | Three previous instrumental deliveries and no living child.               |
| 3835      | 28   | 4       | 42                       | 4 $\frac{1}{8}$   | A       | D   | 8 $\frac{1}{4}$          | —           | —                 | —                 | Med. induction. Two previous children died. This child died of enteritis. |
| 3961      | 26   | 3       | 41                       | 4+                | A       | A   | 7 $\frac{1}{4}$          | —           | —                 | —                 | Breech. Ext. version. One previous still-birth.                           |
| 4216      | 24   | 1       | 40                       | 4                 | A       | A   | 7 $\frac{1}{2}$          | —           | —                 | —                 | Bronchitis.   |
| 4258      | 34   | 11      | 40                       | 4                 | A       | A   | 7 $\frac{3}{4}$          | —           | —                 | —                 | Six previous instrumental deliveries.                                     |
| 4406      | 25   | 3       | 40                       | 4                 | A       | A   | 5 $\frac{1}{2}$          | —           | —                 | —                 | Two previous instrumental deliveries.                                     |
| 4417      | 23   | 2       | 40                       | 3 $\frac{3}{4}$   | A       | A   | 6 $\frac{3}{4}$          | —           | —                 | —                 | Previous instrumental delivery with still-birth.                          |
| 4418      | 26   | 5       | 41                       | 4 $\frac{1}{4}$   | A       | A   | 7 $\frac{3}{4}$          | +           | +                 | —                 | Surgical and medical induction. Prol. cord. Two previous still-births.    |

B.—*Others.*

| Reg No | Age. | Parity. | Maturity at Delivery. | D.C.              | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anaesthetic. | Pyrexia or Sepsis | Remarks  |
|--------|------|---------|-----------------------|-------------------|---------|-----|--------------------------|-------------|---------------------|-------------------|--|
|        |      |         |                       |                   | M.      | Ch. |                          |             |                     |                   |  |
| 669    | 29   | 4       | 40                    | 4                 | A       | A   | 7 $\frac{3}{4}$          | —           | —                   | —                 | Two previous still-births and one miscarriage.             |
| 916    | 28   | 1       | ?                     | —                 | A       | A   | 7                        | —           | —                   | —                 | Contr. outlet.   |
| 1108   | 30   | 1       | 40                    | ?                 | A       | A   | 8 $\frac{1}{4}$          | —           | —                   | —                 | Admitted in labour.  |
| 1139   | 26   | 4       | 38                    | 3 $\frac{3}{4}$ + | A       | A   | 7                        | +           | —                   | —                 | Med. ind.  |
| 1673   | 32   | 1       | 40                    | —                 | A       | A   | 9                        | —           | —                   | P                 | Admitted in labour. Mastitis.                              |
| 3649   | 21   | 1       | 40                    | 4                 | A       | D   | 6 $\frac{1}{2}$          | —           | —                   | —                 | Child died of enteritis                                    |
| 3675   | 34   | 3       | —                     | ?                 | A       | A   | 7                        | +           | —                   | P                 | P.U.O. One previous still-birth. One previous miscarriage. |
| 3955   | 37   | 8       | 41                    | ?                 | A       | A   | 5 $\frac{1}{2}$          | +           | —                   | —                 | Seven previous instrumental deliveries.                    |

## CLASSICAL OPERATION (REPEAT SECTIONS).

A.—*Cases under Ante-natal Supervision at Hospital Clinic.*

|        |    |   |    |                   |   |   |                 |   |   |   |  |
|--------|----|---|----|-------------------|---|---|-----------------|---|---|---|--|
| { 49   | 36 | 3 | —  | —                 | A | — | —               | — | — | — |  |
| { 383  | —  | — | 37 | 3 $\frac{1}{4}$   | A | A | 7 $\frac{3}{4}$ | + | — | — | Second pregnancy 3 months' abortion.   |
| { 67   | 30 | 2 | —  | —                 | A | — | —               | — | — | — | Debility.  |
| { 621  | —  | — | 39 | ?                 | A | A | 7 $\frac{3}{4}$ | + | — | — |  |
| 199    | 26 | 5 | 37 | 3                 | A | D | 5 $\frac{1}{2}$ | + | — | — | Two previous sections with still-births.   |
| 266    | 31 | 6 | 40 | 3 $\frac{1}{2}$   | A | A | 9               | + | — | — | One previous section.  |
| 269    | —  | 3 | ?  | 4+                | A | A | 7 $\frac{3}{4}$ | + | — | — | One previous section.  |
| 325    | 25 | 2 | 36 | 3 $\frac{1}{2}$   | A | A | 9 $\frac{1}{2}$ | + | + | P | Bronchitis.  |
| 406    | 26 | 2 | 40 | 3                 | A | A | 8 $\frac{1}{2}$ | + | — | — |  |
| 419    | 34 | 3 | 40 | 3 $\frac{3}{4}$   | A | — | 8 $\frac{3}{4}$ | + | — | P | P.U.O. One craniotomy. One previous section.   |
| 484    | 27 | 3 | 39 | 3                 | A | A | ?               | + | — | P | P.U.O. Adhesions noted. Two previous sections.   |
| 713    | 40 | 5 | 40 | ?                 | A | A | 6 $\frac{3}{4}$ | + | — | — | One previous section. Two miscarriages.  |
| 751    | 30 | 2 | 40 | 3 $\frac{3}{4}$   | A | D | 5               | + | — | — | Child feeble.  |
| 768    | 32 | 2 | 40 | —                 | A | A | 8 $\frac{3}{4}$ | + | + | — | Contr. outlet.   |
| 922    | 25 | 2 | 40 | 4 $\frac{3}{8}$   | A | A | 8               | + | — | — |  |
| { 1005 | 26 | 2 | —  | —                 | A | — | —               | — | — | — | Observation.   |
| { 1291 | —  | — | 40 | 4+                | A | A | 9 $\frac{1}{2}$ | + | — | — |  |
| 1135   | 26 | 2 | 40 | 4+                | A | A | 8               | + | — | — |  |
| 1153   | 24 | 2 | 39 | 3 $\frac{3}{4}$ + | A | A | 7               | + | + | — | Admitted in labour.  |
| 1195   | 26 | 2 | 40 | 3 $\frac{1}{4}$   | A | A | 7               | + | + | — | B.P. 148/110.  |
| 1233   | 39 | 2 | 40 | 3 $\frac{3}{4}$   | A | A | 6 $\frac{3}{4}$ | + | + | — |  |
| 1477   | 32 | 4 | 40 | 4 $\frac{1}{4}$   | A | A | ?               | + | — | — | One previous section.  |
| 1587   | 36 | 3 | 37 | ?                 | D | D | 5 $\frac{1}{2}$ | + | — | S | Tentative attempt at forceps. Died on 5th day of puerperium from generalised peritonitis and pyelonephritis. See under deaths. |

| Reg No | Age. | Parity. | Maturity at Delivery. | D.C. | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anaesthetic. | Pyrexia or Sepsis | Remarks.   |
|--------|------|---------|-----------------------|------|---------|-----|--------------------------|-------------|---------------------|-------------------|--|
|        |      |         |                       |      | M.      | Ch. |                          |             |                     |                   |  |
| 1744   | 35   | 4       | 40                    | ?    | A       | A   | 7½                       | +           | +                   | —                 | One previous section. 2 previous labours with prolapsed cord.                    |
| 1930   | 38   | 3       | 38                    | 3½   | A       | A   | 6                        | +           | —                   | —                 | One previous section.  |
| 2119   | 25   | 2       | 40                    | 3¾   | A       | A   | 9                        | +           | —                   | —                 |  |
| 2181   | 33   | 2       | 38                    | 3¾   | D       | A   | 6½                       | +           | —                   | S                 | Died on 32nd day pf puerperium from generalised peritonitis. (See under deaths.) |
| 2196   | 28   | 3       | 33                    | 3½   | A       | A   | 7¼                       | +           | +                   | P                 | Bronchitis. One previous section.  |
| 2259   | 24   | 5       | 40                    | 3¾   | A       | D   | 4                        | +           | —                   | —                 | One previous section.  |
| 2349   | 22   | 2       | 39                    | ?    | A       | A   | 8½                       | +           | +                   | —                 |  |
| 2444   | 23   | 2       | 41                    | ?    | A       | A   | 9                        | +           | +                   | —                 |  |
| 2460   | 32   | 2       | 40                    | 3¾   | A       | A   | 8                        | +           | —                   | —                 |  |
| 2732   | 31   | 5       | 39                    | 4    | A       | A   | 7                        | +           | +                   | P                 | Bronchitis. Two previous sections.   |
| 2734   | 25   | 3       | 40                    | 3¾   | A       | A   | ?                        | +           | +                   | —                 | Two previous sections.   |
| 2990   | 34   | 5       | 40                    | 4¾   | A       | A   | 10                       | +           | +                   | —                 | One previous section.  |
| 3048   | 22   | 4       | 40                    | ?    | A       | A   | 7½                       | +           | +                   | —                 | One previous section.  |
| 3239   | 28   | 5       | 40                    | 4    | A       | A   | 6¾                       | +           | +                   | —                 | Two previous sections.   |
| 3879   | 34   | 4       | 41                    | 4½   | A       | A   | 10½                      | +           | +                   | —                 | One previous section.  |
| 3891   | 35   | 2       | 39                    | 3½   | A       | A   | 9½                       | +           | +                   | —                 |  |
| 3965   | 25   | 2       | 40                    | 3¾   | D       | SB  | 6¾                       | +           | +                   | S                 | Died on 8th day of puerperium from generalised peritonitis and septicæmia.       |
| 4138   | 30   | 2       | 39                    | ?    | A       | A   | 7¾                       | +           | —                   | —                 |  |
| 4248   | 32   | 5       | 38                    | 3¾   | A       | SB  | 7½                       | +           | —                   | —                 | Hydrocephalus. Breech. Perforation during delivery. One previous section.        |
| 4369   | 34   | 2       | 39                    | 4—   | A       | A   | 6½                       | +           | +                   | —                 | P.P.H.   |
| 4373   | 20   | 2       | 40                    | 3½   | A       | A   | 8½                       | +           | —                   | P                 | Bronchitis.  |

## B.—Others.

|        |    |   |    |    |   |    |    |   |   |   |  |
|--------|----|---|----|----|---|----|----|---|---|---|--|
| 135    | 27 | 2 | 40 | —  | A | A  | 6½ | + | — | P | Mastitis. Breast incised.                                      |
| 591    | 22 | 2 | 40 | 4  | A | A  | 7½ | + | + | P | Bronchitis.  |
| 654    | 27 | 4 | 40 | ?  | A | A  | 7½ | + | — | — | One previous section.  |
| 1307   | 29 | 2 | 39 | 4  | A | A  | 7  | + | — | P | P.U.O.   |
| 2144   | 28 | 3 | 37 | ?  | A | SB | 6½ | + | + | — | Conc. acc. hæm. One previous section.                          |
| { 2663 | 33 | 2 | —  | —  | A | —  | —  | — | — | — | Ventral hernia. Observation.                                   |
| { 4175 | —  | — | 38 | —  | A | A  | 6  | + | + | — | Fœtus papyraceous, Abdom. repair.                              |
| { 3166 | 20 | 2 | 30 | —  | A | —  | —  | — | — | — | Observation.   |
| { 3616 | —  | — | 40 | 4½ | A | D  | 8½ | + | — | P | P.U.O.   |
| 3554   | 30 | 4 | 37 | ?  | A | A  | 7½ | + | — | — | Two previous sections.   |
| 3694   | 27 | 6 | 40 | 4+ | A | A  | 7½ | + | — | — | One previous section.  |
| 4255   | 25 | 2 | 39 | ?  | A | A  | 7½ | + | + | — |  |
| 4272   | 34 | 6 | 40 | 4½ | A | A  | 7½ | + | + | — | First child cæs. section followed by 4 spontaneous deliveries. |
| 4390   | 23 | 2 | 32 | 4½ | A | A  | 4¾ | + | — | P | Bronchitis. Partial placenta prævia. Blood transfusion.        |

## CONTRACTED PELVIS. CÆSAREAN SECTION.

## 5.—LOWER UTERINE SEGMENT OPERATION.

#### *4.—Cases under Ante-natal Supervision at Hospital Clinic.*

| Reg No | Age. | Parity. | Maturity at Delivery. | D.C.              | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anaesthetic. | Pyrexia or Sepsis | Remarks   |
|--------|------|---------|-----------------------|-------------------|---------|-----|--------------------------|-------------|---------------------|-------------------|---|
|        |      |         |                       |                   | M.      | Ch. |                          |             |                     |                   |   |
| 85     | 33   | 1       | 41                    | 3 $\frac{3}{4}$   | A       | A   | 7                        | —           | —                   | —                 | Trial labour. Mild pyrexia.   |
| 106    | 20   | 1       | 39                    | 3 $\frac{1}{2}$   | A       | A   | 4 $\frac{1}{2}$          | —           | +                   | P                 | Transverse. P.U.O.  |
| 122    | 27   | 2       | 41                    | 3 $\frac{1}{2}$ + | A       | A   | 8 $\frac{1}{2}$          | —           | +                   | P                 | P.U.O. Previous still-birth.<br>Patient not in labour.  |
| { 371  | 31   | 2       | —                     | 4                 | A       | —   | —                        | —           | —                   | —                 | Breech. Failed version.   |
| 602    | —    | —       | 39                    | —                 | A       | A   | 6 $\frac{1}{2}$          | —           | +                   | —                 | Previous three months abortion.   |
| { 464  | 28   | 1       | 37                    | ?                 | A       | —   | —                        | —           | —                   | —                 | Kyphotic pelvis. Previous tuberculosis.   |
| { 976  | —    | —       | 41                    | ?                 | D       | A   | 6 $\frac{1}{4}$          | —           | —                   | —                 | Sudden collapse two hours after operation. Died from shock twenty minutes later in spite of intravenous saline. See under deaths. |
| { 702  | 24   | 2       | —                     | 3 $\frac{7}{8}$   | A       | —   | —                        | —           | —                   | —                 | Observation. Previous still-birth.  |
| { 1212 | —    | —       | ?47                   | —                 | A       | A   | 7 $\frac{1}{4}$          | —           | —                   | —                 | Trial labour. Mild pyrexia.   |
| 866    | 24   | 1       | —                     | 3 $\frac{3}{4}$   | A       | —   | —                        | —           | —                   | —                 | Breech. Spontaneous version.  |
| { 1003 | —    | —       | 39                    | —                 | A       | A   | 6                        | —           | +                   | —                 | Trial labour.   |
| 868    | 23   | 1       | 40                    | 3 $\frac{1}{2}$ + | A       | A   | 7 $\frac{1}{4}$          | —           | —                   | —                 | Trial labour.   |
| 956    | 37   | 1       | 40                    | 3 $\frac{3}{4}$   | A       | A   | 6 $\frac{1}{2}$          | —           | —                   | P                 | Pulm. T.B. Transferred to Fever Hospital where she died.  |
| 989    | 34   | 1       | 40                    | 3 $\frac{3}{4}$   | A       | A   | 7 $\frac{1}{4}$          | —           | +                   | —                 | Trial labour. Small fibroids.<br>Myomectomy.  |
| 990    | 20   | 2       | 40                    | 3 $\frac{5}{8}$   | A       | A   | 7                        | —           | +                   | —                 | Trial labour. Previous still-birth.   |
| 1078   | 22   | 1       | 38                    | 3 $\frac{1}{2}$   | A       | A   | 8                        | —           | —                   | —                 | Previous still-birth.   |
| 1128   | 29   | 2       | 40                    | 3 $\frac{3}{4}$   | A       | A   | 7 $\frac{1}{2}$          | —           | —                   | —                 | Trial labour. Previous child died.  |
| 1236   | 23   | 2       | 37                    | 3 $\frac{3}{4}$   | A       | A   | 6                        | —           | +                   | —                 | Observation.  |
| { 1420 | 32   | 1       | —                     | 4 $\frac{1}{8}$   | A       | —   | —                        | —           | —                   | —                 | Trial labour. Slightly offensive lochia.  |
| { 1569 | —    | —       | 41                    | —                 | A       | A   | 7                        | —           | +                   | S                 | Trial labour.   |
| 1933   | 21   | 1       | 40                    | 3 $\frac{1}{2}$   | A       | A   | 6 $\frac{1}{4}$          | —           | +                   | —                 | Breech.   |
| 1968   | 35   | 2       | 38                    | 3 $\frac{7}{8}$   | A       | A   | 6 $\frac{1}{2}$          | —           | +                   | —                 | Mastitis. Breast incised.   |
| 2766   | 21   | 1       | 39                    | 3 $\frac{1}{2}$   | A       | A   | 6 $\frac{3}{4}$          | —           | —                   | —                 | Two previous still-births.  |
| 3022   | 22   | 1       | 40                    | 4                 | A       | A   | 7 $\frac{1}{2}$          | —           | —                   | P                 | Albuminuria. 1.2 per cent.<br>B.P. 208/156.   |
| 3034   | 27   | 4       | 42                    | 3 $\frac{1}{2}$   | A       | A   | 6 $\frac{3}{4}$          | —           | —                   | —                 | H.B.P. 180/108. Influenza cold.   |
| 3055   | 23   | 1       | 40                    | 4 $\frac{1}{8}$   | A       | A   | 8 $\frac{3}{4}$          | —           | +                   | —                 | Mastitis. Breast incised. Child died from enteritis.  |
| 3180   | 35   | 1       | 40                    | 4 $\frac{1}{4}$   | A       | A   | 9 $\frac{1}{4}$          | —           | +                   | P                 | Trial labour.   |
| 3225   | 30   | 1       | 40                    | 4                 | A       | D   | 6 $\frac{3}{4}$          | —           | +                   | P                 | Trial labour.   |
| 3270   | 28   | 1       | 40                    | 3 $\frac{1}{2}$   | A       | A   | 7                        | —           | +                   | —                 | Trial labour.   |

| Reg No | Age. | Parity. | Maturity at Delivery. | D.C. | Result. |     | Weight of Child.<br>lbs. | Sterilised. | Spinal Anaesthetic. | Pyrexia or Sepsis | Remarks.  |
|--------|------|---------|-----------------------|------|---------|-----|--------------------------|-------------|---------------------|-------------------|---|
|        |      |         |                       |      | M.      | Ch. |                          |             |                     |                   |   |
| 3659   | 29   | 2       | 38                    | 4+   | A       | D   | 7 $\frac{3}{4}$          | —           | +                   | —                 | Previous miscarriage. Child died from enteritis.            |
| 3716   | 21   | 1       | 39                    | 4—   | A       | A   | 7 $\frac{1}{2}$          | —           | +                   | P                 | P.U.O. Trial labour. Albuminuria. 25 per cent. B.P 170/110. |
| 3861   | 28   | 2       | 40                    | 4    | A       | SB  | 8 $\frac{3}{4}$          | —           | —                   | —                 | Brech. Spontaneous version. Trial labour.                   |
| 4367   | 42   | 1       | —                     | 3    | A       | A   | ?                        | —           | —                   | —                 | Failed spinal.  |
| 4385   | 30   | 1       | —                     | 4    | A       | A   | 6                        | —           | +                   | —                 | Brow. Trial labour.   |

*B.—Others.*

|      |    |   |    |                 |   |   |                 |   |   |   |   |
|------|----|---|----|-----------------|---|---|-----------------|---|---|---|---|
| 1363 | 26 | 2 | 42 | ?               | A | A | 7               | — | + | — | Trial labour. Previous still-birth.           |
| 1540 | 26 | 2 | 41 | 4               | A | A | 8 $\frac{1}{2}$ | — | — | — | Trial labour. Previous spontaneous delivery.  |
| 2538 | 26 | 1 | 40 | 4 $\frac{1}{8}$ | A | D | 7 $\frac{1}{4}$ | — | + | — | Medical induction. Trial labour.              |
| 2809 | 21 | 1 | 41 | 4               | A | A | 9               | — | + | S | Trial labour. Rigor occurred during labour.   |
| 2980 | 25 | 1 | 37 | 3 $\frac{1}{4}$ | A | A | 6 $\frac{1}{2}$ | — | + | P | Mastitis.                                     |
| 3221 | 20 | 2 | 40 | ?               | A | A | 7 $\frac{1}{2}$ | — | + | — | Previous spontaneous delivery. Trial labour.  |
| 3299 | 22 | 1 | 39 | 3 $\frac{3}{4}$ | A | A | 7               | — | + | — | Trial labour.                                 |
| 3331 | 23 | 1 | 39 | 4 $\frac{1}{4}$ | A | A | 7 $\frac{1}{4}$ | — | — | — | Trial labour.                                 |
| 3441 | 26 | 1 | 41 | 3 $\frac{3}{4}$ | A | D | 8               | — | + | — | Trial labour. Child died from emphysema.      |
| 3532 | 31 | 2 | 40 | ?               | A | A | 7               | — | + | — | Trial labour. Previous miscarriage.           |
| 3792 | 33 | 1 | 40 | ?               | A | A | 7               | — | + | — | Trial labour.                                 |
| 3996 | 19 | 1 | 41 | ?               | A | A | 6 $\frac{3}{4}$ | — | + | — | Trial labour.                                 |
| 4124 | 24 | 2 | 40 | 3 $\frac{1}{2}$ | A | A | 5 $\frac{3}{4}$ | — | + | — | Trial labour. Previous instrumental delivery. |
| 4224 | 37 | 1 | 40 | 3 $\frac{3}{4}$ | A | A | 7 $\frac{1}{4}$ | — | + | — | Trial labour.                                 |

## LOWER UTERINE SEGMENT OPERATION (REPEAT SECTIONS).

*A.—Cases under Ante-natal Supervision at Hospital Clinic.*

|     |    |   |   |                 |   |         |                       |   |   |   |  |
|-----|----|---|---|-----------------|---|---------|-----------------------|---|---|---|--|
| 446 | 33 | 2 | — | 3 $\frac{1}{2}$ | A | A and A | 5 and 5 $\frac{1}{2}$ | + | + | P | P.U.O. Twins.  |
| 682 | 28 | 3 | — | 4—              | A | A       | ?                     | + | — | P | Bronchitis. One previous miscarriage. Failed spinal. |
| 867 | 29 | 3 | — | 3 $\frac{3}{4}$ | A | A       | 7 $\frac{3}{4}$       | + | + | P | Bronchitis. One previous section.                    |

|      |    |   |    |                   |   |   |                 |   |   |   |  |
|------|----|---|----|-------------------|---|---|-----------------|---|---|---|--|
| 905  | 33 | 3 | 42 | ?                 | A | A | 7 $\frac{3}{4}$ | + | - | P | Pyelitis. One previous instrumental delivery. Transferred to Fever Hospital. ? sepsis. Dismissed well. |
| 1248 | 23 | 2 | 40 | 3 $\frac{3}{4}$   | A | A | 8               | + | - | — |  |
| 1565 | 40 | 5 | 39 | 3 $\frac{3}{4}$   | A | A | 6 $\frac{3}{4}$ | + | + | — | Three previous still-births. One previous section.   |
| 1995 | 28 | 2 | 40 | 4 $\frac{1}{4}$   | A | A | 8 $\frac{1}{2}$ | + | - | P | Wound infection.   |
| 2563 | 30 | 2 | 40 | 3 $\frac{1}{2}$ — | A | A | 6               | + | + | — | B.P. 166/116.  |
| 2790 | 22 | 2 | 40 | ?                 | A | A | 7               | + | + | — |  |

B.—*Others.*

|      |    |   |    |                 |   |   |   |   |   |   |                                       |
|------|----|---|----|-----------------|---|---|---|---|---|---|---------------------------------------|
| 89   | 24 | 2 | 41 | 3 $\frac{1}{2}$ | A | A | 7 | + | + | — | Admitted in labour.                   |
| 3264 | 29 | 3 | 40 | 3               | A | A | 7 | - | + | — | One miscarriage. Previous child died. |

## CONTRACTED PELVIS. BREECH, CRANIOTOMY, INTERNAL VERSION.

Breech delivery occurred in 14 cases. There were no maternal deaths, but 3 still-births and 2 infantile deaths. In the cases with still-birth labour was complicated by eclampsia in one case, by prolapse of the cord in one case, and in the third case the cord was twice round the neck.

Of the 10 cases in which craniotomy was performed only two had been under ante-natal supervision, and in one of these cases intra-uterine death had occurred. On examining the Category B cases it is noted that in 2 cases forceps had been attempted unsuccessfully outside, and in 3 cases craniotomy was decided upon because the child was already dead. There were no maternal deaths.

Delivery was effected by internal version in 3 cases. From these figures it will be seen that internal version is seldom practised in this hospital in cases of contracted pelvis. The one still-birth occurred in a case further complicated by prolapse of the cord.

## CONTRACTED PELVIS. 6.—BREECH CASES.

## A.—Cases under Ante-natal Supervision at Hospital Clinic.

| Reg. No. | Age. | Parity. | Maturity at Delivery.<br>wks. | D.C.<br>ins. | Result. |     | Weight of Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or Sepsis. | Remarks.   |
|----------|------|---------|-------------------------------|--------------|---------|-----|--------------------------|-----------------|--------------------|--|
|          |      |         |                               |              | M.      | Ch. |                          |                 |                    |  |
| 614      | 23   | 1       | 35                            | 4½           | A       | D   | 6                        | 13              | —                  | Manual delivery. Child died from icterus gravis. |
| 3600     | 23   | 3       | 40                            | ?            | A       | SB  | 8                        | 2               | —                  | Prol. cord. Manual delivery.                     |

## B.—Others.

|        |    |   |    |    |   |    |    |    |   |   |
|--------|----|---|----|----|---|----|----|----|---|---|
| 909    | 23 | 1 | 39 | 4½ | A | A  | 7½ | 13 | — | Manual delivery. Failed external version.   |
| 2040   | 25 | 1 | 40 | 4½ | A | A  | 7  | 78 | — | Manual delivery.  |
| 3106   | 20 | 1 | 41 | 4½ | A | A  | 7½ | 48 | — | Contr. outlet. Manual delivery.   |
| 3170   | 23 | 3 | 40 | —  | A | A  | 6½ | 21 | — | Contr. outlet. Manual delivery.   |
| 3452   | 27 | 1 | 40 | —  | A | SB | 8½ | 61 | — | Contr. outlet. I.P. Eclampsia. 11 fits. Manual delivery. Attempted forceps to a.c. head.      |
| 3524   | 30 | 1 | 40 | 4½ | A | A  | 7½ | 64 | — | Manual delivery.  |
| 3540   | 33 | 2 | 41 | 4½ | A | SB | 8½ | 9  | — | Transverse. Ext. version. Spont. breech. Cord round neck.                                     |
| { 3771 | 28 | 1 | —  | 4½ | A | —  | —  | —  | — | Ext. version failed.  |
|        | —  | — | 37 | —  | A | A  | 5  | 24 | — | Manual delivery. Episiotomy.  |
| 3853   | —  | — | —  | —  | — | —  | —  | —  | — | —   |
| 3940   | 22 | 3 | 40 | 4½ | A | A  | 5½ | 4  | — | Prol. cord. Manual delivery.  |
| 4075   | 21 | 1 | 40 | 4½ | A | A  | 7½ | 12 | — | Manual delivery.  |
| 4077   | 28 | 1 | 37 | 4½ | A | D  | 5½ | 9  | — | Manual delivery. Forceps to a.c. head. Child died of enteritis.                               |
| 4424   | 26 | 1 | 40 | 4½ | A | A  | 7  | 25 | S | Manual delivery. Puerperal insanity. Transferred to observation hospital. Dismissed improved. |

## CONTRACTED PELVIS. 7.—CRANIOTOMY.

## A.—Cases under Ante-natal Supervision at Hospital Clinic.

| Reg. No. | Age. | Parity. | Maturity at Delivery.<br>wks. | D.C.            | Result. |     | Weight of Child.<br>lbs. | Labour.<br>hrs. | Pyrexia or Sepsis. | Remarks.  |
|----------|------|---------|-------------------------------|-----------------|---------|-----|--------------------------|-----------------|--------------------|---|
|          |      |         |                               |                 | M.      | Ch. |                          |                 |                    |   |
| 2166     | 32   | 1       | —                             | 3 $\frac{1}{2}$ | A       | —   | —                        | —               | —                  | Observation.  |
| 2277     | —    | —       | 37                            | —               | A       | SB  | 5 $\frac{1}{2}$          | 18              | —                  | Foetus died during labour. Perforation and delivery completed with lion forceps.              |
| 3701     | 38   | 1       | 40                            | 4 $\frac{1}{2}$ | A       | SB  | ?                        | 96              | —                  | Slow dilatation of cervix. Tentative attempt at forceps. Craniotomy performed as foetus dead. |

## B.—Others.

|      |    |    |    |                 |   |    |                 |     |   |   |
|------|----|----|----|-----------------|---|----|-----------------|-----|---|---|
| 1016 | 30 | 2  | 40 | 4 $\frac{1}{4}$ | A | SB | 8 $\frac{1}{4}$ | 36  | — | Tentative attempt at forceps. Delivered by perforation and lion forceps.                        |
| 1269 | 38 | 8  | 37 | 4               | A | SB | 9 $\frac{1}{4}$ | 18  | — | Tentative attempt at forceps. Craniotomy as prolapsed cord not pulsating.                       |
| 1982 | 34 | 1  | 41 | —               | A | SB | 8 $\frac{1}{4}$ | 92  | S | R.O.P. Tentative attempt at forceps. Craniotomy. Transferred to fever hospital. Dismissed well. |
| 2614 | 36 | 2  | 40 | 4 $\frac{1}{8}$ | A | SB | 8               | 21  | — | F.F.O. Albuminuria. Foetus dead. Craniotomy.  |
| 2794 | 24 | 1  | 41 | 4 $\frac{1}{4}$ | A | SB | 8               | 168 | — | Intrauterine death. Head perforated and delivered with forceps.                                 |
| 3575 | 22 | 1  | 40 | 4 $\frac{1}{4}$ | A | SB | 7 $\frac{3}{4}$ | 72  | P | R.O.P. Tentative attempt at forceps after rotation. Craniotomy. P.U.O.                          |
| 3979 | 32 | 2  | 43 | 4 $\frac{1}{8}$ | A | SB | 8               | 144 | — | F.F.O. Craniotomy. Manual removal of placenta. Vesico vaginal fistula.                          |
| 4025 | 40 | 11 | 39 | 4               | A | SB | 8               | 104 | — | Head still above brim on admission. No foetal heart heard. Craniotomy.                          |

## CONTRACTED PELVIS. 8.—INTERNAL VERSION.

## A.—Cases under Ante-natal Supervision at Hospital Clinic.

|      |    |   |    |                 |   |   |                 |   |   |  |
|------|----|---|----|-----------------|---|---|-----------------|---|---|--|
| 2273 | 40 | 5 | 40 | 4               | A | A | 7               | 7 | — | Tentative attempt at forceps. Int. version. Manual breech. |
| 3135 | 40 | 3 | 40 | 4 $\frac{1}{4}$ | A | A | 8 $\frac{1}{4}$ | 6 | — | Transverse. Int. version. Manual breech.                   |

## B.—Others.

|      |    |   |    |   |   |    |   |   |   |  |
|------|----|---|----|---|---|----|---|---|---|--|
| 1484 | 22 | 2 | 40 | ? | A | SB | 7 | 7 | — | Prol. cord. Int. version. Manual breech. |
|------|----|---|----|---|---|----|---|---|---|--|

## CONTRACTED PELVIS. 9—UNDELIVERED.

A.—Cases under *Ante-natal Supervision at Hospital Clinic.*

| Reg. No. | Age. | Parity. | Maturity on Admission. | D.C.            | Mother. | Remarks.                                    |
|----------|------|---------|------------------------|-----------------|---------|---|
|          |      |         | wks.                   | ins.            |         |   |
| 26       | 30   | 5       | 12                     | 4               | A       | Mild hyperemesis.                           |
| 1354     | —    | —       | 24                     | —               | A       | Observation.                                |
| 1632     | —    | —       | 28                     | —               | A       | Transverse. Spontaneous correction.         |
| 2722     | 23   | 1       | 39                     | —               | A       | Medical induction failed. Irreg. dismissal. |
| 3564     | 31   | 4       | 38                     | 4 $\frac{1}{2}$ | A       | Observation.                                |
| 4167     | 24   | 2       | 35                     | 3 $\frac{3}{4}$ | A       | Observation.                                |
| 4350     | 33   | 2       | 38                     | 4 $\frac{1}{4}$ | A       | Observation.                                |
| 4431     | 21   | 1       | 37                     | 4 $\frac{1}{4}$ | A       | Breech. Ext. version failed.                |
| 4460     | 35   | 1       | 30                     | ?               | A       | Cardiac.                                    |

B.—*Others.*

|      |    |   |      |                 |   |              |
|------|----|---|------|-----------------|---|--------------|
| 330  | 20 | 1 | 40   | 4 $\frac{1}{4}$ | A | Observation. |
| 1407 | 20 | 2 | ? 44 | 4               | A | Observation. |
| 3863 | 30 | 4 | 14   | —               | A | Vaginitis.   |

## CONTRACTED PELVIS. 10.—ABORTIONS.

A.—Cases under *Ante-natal Supervision at Hospital Clinic.*

|      |    |   |    |   |   |   |
|------|----|---|----|---|---|---|
| 2081 | 28 | 7 | 27 | 4 | A | Complete miscarriage.                       |
| 2577 | 22 | 2 | 26 | 4 | A | Complete miscarriage.                       |
| 3194 | 26 | 4 | 15 | 4 | A | Cardiac. Abdom. hysterotomy, sterilisation. |

B.—*Others.*

|      |    |   |    |                 |   |  |
|------|----|---|----|-----------------|---|--|
| 1540 | 36 | 2 | 25 | 3 $\frac{3}{4}$ | A | Previous section. Ruptured scar. Twin miscarriage into peritoneal cavity. Subtotal hysterectomy. Spinal anaesthetic. |
|------|----|---|----|-----------------|---|--|

## ANTE-PARTUM HÆMORRHAGE.

There were 274 cases of ante-partum hæmorrhage admitted during the year, and of these, 97 were cases of placenta prævia, and 177 were cases of accidental hæmorrhage.

## 1.—PLACENTA PRÆVIA.

Of the 97 cases of placenta prævia, 3 died. Two of the patients died undelivered from hæmorrhage and shock following version combined with bringing down a leg. The third, a case of mitral stenosis, delivered by cæsarean section, died of acute endocarditis on the eighth day of the puerperium. One case was transferred to a fever hospital on account of sepsis, but was dismissed recovered. There were 36 still-births and 23 infants died. Puerperal sepsis was noted in 4 cases and pyrexia in 12. It is of interest to note that 19 cases received blood transfusions, 23 transfusions in all being given. Fourteen of these transfusions were given in cases delivered by cæsarean section, and in this group the only death was the case of cardiac disease with acute endocarditis.

A.—Cases under *Ante-natal Supervision at Hospital Clinic (Total, 11).*

| Mode of Delivery. | Type. |          | Mother. |    | Child. |      |    | Pyrexia. | Sepsis. | Mortality per cent. |      |
|-------------------|-------|----------|---------|----|--------|------|----|----------|---------|---------------------|------|
|                   | Cent. | Partial. | A.      | D. | A.     | S.B. | D. |          |         | M.                  | Ch.  |
| Spontaneous       | -     | -        | —       | 5  | 5      | —    | 3  | 1        | 1       | —                   | 20.0 |
| Cæsarean section  | -     | -        | 2       | 4  | 6      | —    | 3  | 2*       | 2       | —                   | 28.6 |
| Totals            | -     | -        | 2       | 9  | 11     | —    | 6  | 3        | 3       | 2                   | 25.0 |

\* Twins (once).

B.—*Others (Total, 86).*

|                                    |   |   |    |    |    |   |    |    |    |    |   |       |       |
|------------------------------------|---|---|----|----|----|---|----|----|----|----|---|-------|-------|
| Spontaneous                        | - | - | 1  | 21 | 22 | — | 11 | 5  | 6  | —  | 1 | —     | 22.7  |
| Artif. rupt., spontaneous          | - | - | —  | 7  | 7  | — | 2  | 5  | —  | —  | — | —     | 71.4  |
| Cæsarean section                   | - | - | 16 | 14 | 29 | 1 | 16 | 5  | 9  | 7  | 1 | 3.3   | 16.6  |
| Manual breech                      | - | - | —  | 1  | 1  | — | 1  | —  | —  | 1  | — | —     | —     |
| External version, leg brought down | - | - | —  | 2  | 2  | — | —  | 2  | —  | —  | 1 | —     | 100.0 |
| Internal version                   | - | - | 4  | 5  | 9  | — | 2  | 7* | 1  | 2  | — | —     | 70.0  |
| Leg brought down in breech         | - | - | —  | 4  | 4  | — | —  | 2  | 2  | —  | — | —     | 50.0  |
| Vagina packed, spontaneous         | - | - | —  | 2  | 2  | — | —  | 1  | 1  | —  | — | —     | 50.0  |
| Willett's forceps, spontaneous     | - | - | —  | 2  | 2  | — | —  | 2  | —  | —  | — | —     | 100.0 |
| Internal version, undelivered      | - | - | —  | 2  | —  | 2 | —  | —  | —  | —  | — | 100.0 | —     |
| Bipolar version                    | - | - | 1  | 3  | 4  | — | —  | 3  | 1  | —  | 1 | —     | 75.0  |
| Forceps                            | - | - | —  | 1  | 1  | — | —  | 1  | —  | —  | — | —     | 100.0 |
| Totals                             | - | - | 22 | 64 | 83 | 3 | 32 | 33 | 20 | 10 | 4 | 3.5   | 38.8  |

\* Twins.

## Groups A and B (Total, 97).

| Mode of Delivery.                      | Type. |          | Mother. |    | Child. |      |    | Pyrexia. | Sepsis. | Mortality per cent. |       |
|--|-------|----------|---------|----|--------|------|----|----------|---------|---------------------|-------|
|  | Cent. | Partial. | A.      | D. | A.     | S.B. | D. |          |         | M.                  | Ch.   |
| Spontaneous - -                        | 1     | 26       | 27      | —  | 14     | 6    | 7  | —        | 1       | —                   | 22.2  |
| Artif. rupt., spontaneous              | —     | 7        | 7       | —  | 2      | 5    | —  | —        | —       | —                   | 71.4  |
| Cæsarean section - -                   | 18    | 18       | 35      | 1  | 19     | 7    | 11 | 9        | 1       | 3.3                 | 18.9  |
| Manual breech - -                      | —     | 1        | 1       | —  | 1      | —    | —  | 1        | —       | —                   | —     |
| External version, leg brought down - - | —     | 2        | 2       | —  | —      | 2    | —  | —        | 1       | —                   | 100.0 |
| Internal version - -                   | 4     | 5        | 9       | —  | 2      | 7    | 1  | 2        | —       | —                   | 70.0  |
| Leg brought down in breech - -         | —     | 4        | 4       | —  | —      | 2    | 2  | —        | —       | —                   | 50.0  |
| Vagina packed, spontaneous - -         | —     | 2        | 2       | —  | —      | 1    | 1  | —        | —       | —                   | 50.0  |
| Willett's forceps, spontaneous - -     | —     | 2        | 2       | —  | —      | 2    | —  | —        | —       | —                   | 100.0 |
| Internal version, undelivered - -      | —     | 2        | —       | 2  | —      | —    | —  | —        | —       | 100.0               | —     |
| Bipolar version - -                    | 1     | 3        | 4       | —  | —      | 3    | 1  | —        | 1       | —                   | 75.0  |
| Forceps - - -                          | —     | 1        | 1       | —  | —      | 1    | —  | —        | —       | —                   | 100.0 |
| Totals - -                             |       | 24       | 73      | 94 | 3      | 38   | 36 | 23       | 12      | 4                   | 3.1   |
| 37.1                                   |       |          |         |    |        |      |    |          |         |                     |       |

Twins (twice).

## PLACENTA PRÆVIA.

#### *A.—Cases under Ante-natal Supervision at Hospital Clinic.*

| Reg. No. | Age    | Parity | Maternity on admission wks | Maturity at delivery wks | Condition on admission | Type | Mode of delivery. |         | Result | Weight of child lbs | Prectice or expenses. | Remarks   |
|----------|--------|--------|----------------------------|--------------------------|------------------------|------|-------------------|---------|--------|---------------------|-----------------------|---|
|          |        |        |                            |                          |                        |      | Central           | Partial | M.     | Ch                  |                       |   |
| 336      | 29     | 2      | 28                         | 28                       | Good                   | +    | +                 | -       | A      | 2 $\frac{1}{4}$     | -                     | Breech.   |
| 604      | 22     | 4      | 32                         | 32                       | Good                   | -    | -                 | -       | A      | 3 $\frac{1}{4}$     | -                     | Bleeding occurred during labour.                                    |
| { 1772   | 33     | 2      | 32                         | -                        | Good                   | -    | -                 | -       | A      | -                   | -                     | Ten days in hospital. Diagnosed as accidental haemorrhage.          |
|          | -      | -      | -                          | 37                       | 38                     | Good | -                 | +       | A      | 7                   | -                     | First bleeding 32 weeks. Spinal anaesthesia.                        |
| 2128     | -      | -      | -                          | 40                       | Fair                   | -    | +                 | -       | A      | ?                   | -                     | No bleeding before delivery. Diagnosis from placenta and membranes. |
| 2493     | 23     | 2      | 2                          | -                        | Good                   | -    | -                 | -       | A      | -                   | -                     | Diagnosed as accidental haemorrhage.                                |
| { 2859   | 28     | 5      | 29                         | -                        | Good                   | -    | -                 | -       | A      | 5 $\frac{3}{4}$     | -                     | First bleeding at 29 weeks. Sterilised.                             |
|          | -      | -      | 33                         | 33                       | Collapsed              | -    | +                 | -       | A      | 5 $\frac{3}{4}$     | P                     | Blood transfusion.  |
| 3176     | -      | -      | -                          | -                        | Good                   | -    | -                 | -       | A      | -                   | -                     | C.P. D.C. 4 $\frac{1}{4}$ ins. Bronehitis.                          |
| 3412     | 27     | 2      | 30                         | 38                       | Good                   | +    | -                 | -       | A      | 5                   | -                     | First bleeding at 29 weeks. Diagnosed accidental haemorrhage.       |
| { 3324   | 28     | 1      | 32                         | -                        | Good                   | -    | -                 | -       | A      | 5                   | -                     | R.O.P. Surg. ind. Art. rupt. memb.                                  |
|          | -      | -      | -                          | -                        | Good                   | -    | -                 | -       | A      | 5                   | -                     | H.B.P. Sterilisation.   |
| 3872     | -      | -      | 38                         | 38                       | Good                   | -    | -                 | -       | A      | -                   | -                     | Readmitted on account of phlebitis one day after dismissal.         |
| 3599     | 40     | 8th    | ?30                        | -                        | Good                   | -    | -                 | -       | A      | 6 $\frac{3}{4}$     | -                     | Occasional bleedings since 5th month.                               |
| { 3856   | -      | -      | 33+                        | 33+                      | Good                   | -    | -                 | -       | A      | 5 $\frac{1}{4}$     | P                     | Bronehitis. Bleeding at 5 months.                                   |
|          | { 4065 | -      | -                          | -                        | -                      | -    | -                 | -       | A      | 3 $\frac{1}{4}$     | -                     | Twins. Bleeding at 31 weeks.  |
| 3617     | 24     | 1      | 42                         | 42                       | Good                   | -    | -                 | -       | A      | 6 $\frac{3}{4}$     | -                     |   |
| 3948     | 28     | 4      | 35+                        | 35+                      | Fair                   | +    | -                 | -       | A      | 5 $\frac{1}{4}$     | P                     |   |
| 4333     | 33     | 3      | 31+                        | 31+                      | Fair                   | -    | -                 | -       | A      | 3 $\frac{1}{4}$     | -                     |   |
|          |        |        |                            |                          |                        |      |                   |         | A      | 3 $\frac{1}{4}$     | and                   |   |
|          |        |        |                            |                          |                        |      |                   |         | SB     | 3 $\frac{1}{4}$     | SB                    |   |

B.—*Others.*

| Reg. No. | Age | Parity | Maternity at Admission wks | Maternity at Delivery wks | Condition on Admission | Type | Mode of Delivery. |                                 | Result |    | Weight of Child lbs | Weight of Sepseis lbs | Remarks. |  |
|----------|-----|--------|----------------------------|---------------------------|------------------------|------|-------------------|---------------------------------|--------|----|---------------------|-----------------------|----------|--|
|          |     |        |                            |                           |                        |      | Central           | Partial                         | M.     | Ch |                     |                       |          |  |
| 33       | 28  | 1      | 28                         | 28                        | Fair                   | +    | —                 | Spontaneous                     | —      | A  | SB                  | 3½                    | S        | Lochia offensive. Placenta expelled 3 hours before child.  |
| 46       | 27  | 3      | 37                         | 37                        | Good                   | —    | +                 | Spontaneous                     | —      | A  | A                   | 6½                    | —        | Bleeding during labour. W.R.+. P.U.O. Two blood transfusions.                                    |
| 79       | 26  | 1      | 42                         | 42                        | Collapsed              | +    | —                 | Int. version. Leg brought down. | —      | A  | SB                  | 7½                    | P        | Manual removal of placenta.  |
| 251      | 30  | 6      | 31                         | 31                        | Good                   | —    | +                 | Manual delivery                 | —      | A  | D                   | 6                     | P        | Bronchitis. Sterilisation. Spinal anaesthesia.   |
| 284      | 37  | 7      | 33                         | 33                        | Good                   | —    | +                 | 1 hour later                    | —      | A  | SB                  | 2½                    | —        | Surg. ind. Art. rupt. memb.  |
| 351      | 39  | 11     | 32                         | 32                        | Good                   | —    | +                 | Cæs. section                    | —      | A  | D                   | 5½                    | —        | Hydramnios. B.P. 190/130.  |
| 412      | 39  | 6      | 34                         | 34                        | Collapsed              | —    | +                 | Cæs. section                    | —      | A  | D                   | 7½                    | —        | Sterilised. Bleeding on day of operation.  |
| 467      | 22  | 2      | 34                         | 34                        | Fair                   | —    | +                 | Internal version.               | —      | A  | SB                  | 5½                    | —        | Sterilised. First bleeding 4 hours before delivery.  |
| 500      | 39  | 8      | 36                         | 36                        | Good                   | —    | +                 | Manual breech                   | —      | A  | D                   | 4½                    | —        | Bleeding at 33 weeks. Surg. ind.   |
| 539      | 25  | 3      | 28                         | 28                        | Good                   | —    | +                 | Spontaneous                     | —      | A  | D                   | 5                     | —        | Art. rupt. memb. Bleeding at 36 weeks.   |
| 567      | 21  | 1      | 35                         | 35                        | Good                   | —    | +                 | Leg brought down.               | —      | A  | SB                  | 6½                    | —        | Bleeding throughout pregnancy.   |
| 574      | 25  | 4      | 32                         | 32                        | Fair                   | —    | +                 | Manual breech.                  | —      | A  | SB                  | 4                     | —        | Breech.  |
| 632      | 29  | 3      | 40                         | 40                        | Fair                   | —    | +                 | Vagina Paeked.                  | —      | A  | A                   | 7½                    | P        | Bleeding at 5th month.   |
| 655      | 22  | 2      | 41                         | 41                        | Fair                   | —    | +                 | Spontaneous                     | —      | A  | A                   | 6½                    | —        | Broncho-pneumonia during puerperium. Swinging temperature for 3 weeks. Sterilised. Spinal anaæs. |
| 673      | 19  | 1      | 37                         | 40                        | Good                   | —    | +                 | Manual breech                   | —      | A  | A                   | 7½                    | P        | Bleeding during labour. P.U.O. Breech. Medical induction. Bleeding at 35 weeks.                  |

| Reg. No. | Age | Parturition | Maturity at delivery | Maturity on admission | Condition on admission | Type | Mode of delivery |                                 | Result | Weight of child | Weight of fetus & deserts. | Remarks.                          |   |
|----------|-----|-------------|----------------------|-----------------------|------------------------|------|------------------|---------------------------------|--------|-----------------|----------------------------|-----------------------------------|---|
|          |     |             |                      |                       |                        |      | Central          | Partial                         |        |                 |                            |                                   |   |
| 722      | 19  | 2           | 39                   | 39                    | Good                   | -    | +                | Cæs. section                    | -      | A               | D                          | 6                                 | Bleeding at 38 weeks.   |
| 740      | 42  | 15          | 40                   | 40                    | Fair                   | -    | +                | Cæs. section                    | -      | A               | A                          | 7 $\frac{3}{4}$                   | Bleeding at 40 weeks.   |
| 812      | 17  | 1           | 33                   | 33                    | Fair                   | +    | -                | Cæs. section                    | -      | A               | A                          | 6                                 | Spinal anæs. Blood transfusion.   |
| 864      | 35  | 13          | 32                   | 32                    | Fair                   | -    | +                | Cæs. section                    | -      | A               | D                          | 5 $\frac{1}{2}$                   | Bleeding at 31 weeks. Vagina packed on account of very severe bleeding.                       |
| 1091     | 34  | 5           | 24                   | 36                    | Good                   | -    | +                | Ext. Version. Leg brought down. | A      | SB              | 4 $\frac{1}{2}$            | Bleeding at 32 weeks. Sterilised. |   |
| 1138     | 32  | 4           | 40                   | 40                    | Fair                   | -    | +                | Spontaneous                     | -      | A               | A                          | 10 $\frac{3}{4}$                  | Spinal anæs. Blood transfusion.   |
| 1157     | 23  | 1           | 36                   | 36                    | Good                   | -    | +                | Spontaneous                     | -      | A               | A                          | 4 $\frac{1}{2}$                   | Surg. ind. Art. rupt. memb. First bleeding 10 hours before delivery.                          |
| 1175     | 26  | 2           | 33                   | 35                    | Good                   | -    | +                | Ext. version. Leg brought down. | D      | -               | -                          | -                                 | Albuminuria. Surg. induction.   |
| 1228     | 40  | 9           | 40                   | 40                    | Collapsed              | +    | -                | Undelivered Cæs. section        | -      | A               | A                          | 9 $\frac{1}{2}$                   | Art. rupt. memb. First bleeding 2 days before delivery.                                       |
| 1284     | 28  | 4           | 39                   | 39                    | Collapsed              | -    | +                | Spontaneous                     | -      | A               | SB                         | 5 $\frac{3}{4}$                   | Bleeding at 33 weeks. Blood transfusion. Died from haemorrhage and shock. (See under deaths.) |
| 1327     | 36  | 2           | 40                   | 40                    | Good                   | +    | -                | Cæs. section                    | -      | A               | A                          | 8 $\frac{3}{4}$                   | Bleeding at 30 weeks. Sterilised.   |
| 1351     | 28  | 1           | 36                   | 36                    | Good                   | -    | +                | Cæs. section                    | -      | A               | A                          | 7                                 | Spinal anæsthetic.  |
| 1369     | 36  | 2           | 40                   | 40                    | Good                   | +    | -                | Cæs. section                    | -      | A               | A                          | 8 $\frac{1}{4}$                   | Bleeding at 36 weeks.   |
| 1442     | 35  | 7           | 41                   | 41                    | Good                   | -    | +                | Spontaneous                     | -      | A               | SB                         | 7                                 | No bleeding. Diagnosis on vaginal examination and confirmed at operation. Spinal anæsthetic.  |
|          |     |             |                      |                       |                        |      |                  |                                 |        |                 |                            |                                   | Bleeding 9 hours before delivery.   |

| No.<br>Reg. | Age | Parity | Maturity at<br>Admission<br>wks | Condition<br>on<br>Admission | Type         | Mode of<br>Delivery. |         | Result                             | Weight of<br>child<br>lbs. | Weight of<br>sepsis<br>child<br>lbs. | Remarks.                    |
|-------------|-----|--------|---------------------------------|------------------------------|--------------|----------------------|---------|------------------------------------|----------------------------|--------------------------------------|-----------------------------|
|             |     |        |                                 |                              |              | Central              | Partial |                                    |                            |                                      |                             |
| 1485        | 26  | 6      | 40                              | 40                           | Good         | -                    | +       | Art. rupt. memb.<br>in labour.     | A                          | 7                                    | -                           |
| 1552        | 32  | 1      | 40                              | 40                           | Good         | +                    | -       | Spontaneous<br>Cæs. section        | A                          | ?                                    | -                           |
| 1602        | 27  | 6      | 31                              | 31                           | Good         | -                    | +       | Cord replaced.<br>Vagina packed.   | A                          | 3                                    | -                           |
| 1611        | 40  | 2      | 40                              | 40                           | Good<br>Fair | -                    | +       | Spontaneous<br>Cæs. section        | A                          | 8 $\frac{1}{4}$                      | P                           |
| 1635        | 26  | 3      | 39                              | 39                           | Good<br>Fair | -                    | +       | Ext. version. Leg<br>brought down. | SB                         | 7                                    | S                           |
| 1637        | 26  | 2      | 40                              | 40                           | Collapsed    | -                    | +       | Spontaneous                        | A                          | 8 $\frac{1}{2}$                      | -                           |
| 1705        | 26  | 4      | 37                              | 37                           | Good         | -                    | +       | Spontaneous                        | A                          | 5 $\frac{3}{4}$                      | -                           |
| 1724        | 35  | 1      | 37                              | 37                           | Good         | +                    | -       | Cæs. section                       | A                          | 5 $\frac{1}{2}$                      | -                           |
| {1734       | 24  | 4      | 23                              | -                            | Good         | -                    | -       | Spontaneous                        | A                          | -                                    | First bleeding at 36 weeks. |
|             |     |        |                                 |                              |              |                      |         |                                    |                            |                                      |                             |
| 2321        | -   | -      | 30                              | 32                           | Fair         | -                    | +       | Art. rupt. memb.                   | A                          | 3                                    | -                           |
| 1924        | 39  | 8      | 35                              | 35                           | Good         | -                    | +       | Spontaneous                        | SB                         | 5 $\frac{3}{4}$                      | -                           |
| 1929        | 31  | 5      | 30                              | 30                           | Collapsed    | +                    | -       | Cæs. section                       | A                          | 6 $\frac{3}{4}$                      | -                           |
| 2022        | 37  | 1      | 32                              | 32                           | Fair         | -                    | +       | Art. rupt. memb.<br>in labour.     | D                          | 4                                    | -                           |
| 2065        | 30  | 3      | 40                              | 40                           | Fair         | -                    | +       | Spontaneous                        | SB                         | 6 $\frac{1}{2}$                      | -                           |
| {2068       | 20  | 1      | 26                              | -                            | Good         | -                    | -       | Undelivered                        | A                          | -                                    | -                           |
|             |     |        |                                 |                              |              |                      |         |                                    |                            |                                      |                             |
| 3070        | -   | -      | 38                              | 38                           | Fair         | -                    | +       | Spontaneous                        | A                          | SB                                   | 7                           |
| 2112        | 23  | 1      | 33                              | 33                           | Fair         | -                    | +       | Spontaneous                        | A                          | D                                    | 5 $\frac{1}{4}$             |
| 2126        | 26  | 1      | 30                              | 31                           | Fair         | -                    | -       | Bipolar version.                   | D                          | 4 $\frac{1}{4}$                      | -                           |
|             |     |        |                                 |                              | Spontaneous  |                      |         |                                    |                            |                                      |                             |

| Reg. No. | Age | Parity | Maturity on Admission | Condition on Admission | Type      | Mode of Delivery. |         | Result                      |    | Pyrexia or Septicæmia | Child's Weight in lbs.              | Remarks.                           |
|----------|-----|--------|-----------------------|------------------------|-----------|-------------------|---------|-----------------------------|----|-----------------------|-------------------------------------|------------------------------------|
|          |     |        |                       |                        |           | Central           | Partial | M.                          | Ch |                       |                                     |                                    |
| 2201     | 37  | 6      | 40                    | 40                     | Good      | +                 | -       | Cæs. section                | -  | A                     | 7 $\frac{3}{4}$                     | -                                  |
| 2242     | 40  | 12     | 39                    | 39                     | Fair      | -                 | +       | Internal version.           | A  | SB                    | 3 $\frac{1}{2}$                     | -                                  |
| 2342     | 22  | 1      | 32                    | 33                     | Collapsed | -                 | +       | Spontaneous                 | -  | A                     | D                                   | 3 $\frac{1}{2}$                    |
| 2392     | 25  | 2      | 38                    | 38                     | Fair      | -                 | +       | Spontaneous                 | -  | A                     | A                                   | 7                                  |
| 2416     | 41  | 2      | 40                    | 40                     | Good      | -                 | +       | Spontaneous                 | -  | A                     | A                                   | 9                                  |
| 2417     | 30  | 2      | 30                    | 30                     | Fair      | -                 | +       | Art. rupt. memb. in labour. | A  | SB                    | 3                                   | -                                  |
| 2424     | 24  | 2      | 40                    | 40                     | Good      | +                 | -       | Spontaneous                 | -  | A                     | A                                   | 7 $\frac{1}{4}$                    |
| 2519     | 27  | 3      | 38                    | 38                     | Collapsed | +                 | -       | Cæs. section                | -  | SB                    | 4 $\frac{3}{4}$                     | -                                  |
| 2601     | 23  | 2      | 28+                   | 28+                    | Good      | +                 | -       | Internal version.           | A  | SB                    | 2 $\frac{1}{2}$                     | -                                  |
| 2671     | 36  | 2      | 39                    | 40                     | Fair      | -                 | +       | Spontaneous                 | A  | A                     | 7 $\frac{1}{2}$                     | -                                  |
| 2706     | 25  | 3      | 35                    | 36                     | Good      | -                 | +       | Cæs. section                | A  | SB                    | 5 $\frac{1}{2}$                     | -                                  |
| 2763     | 30  | 2      | 35                    | 35                     | Good      | -                 | +       | Bipolar version.            | A  | A                     | 4 $\frac{1}{4}$                     | -                                  |
| 2803     | 18  | 2      | 31                    | 31                     | Good      | -                 | +       | Spontaneous                 | A  | SB                    | 3 $\frac{1}{2}$                     | -                                  |
| 2811     | 33  | 3      | 34                    | 34                     | Fair      | +                 | -       | Bipolar version.            | A  | SB                    | 5 $\frac{1}{2}$                     | -                                  |
| 2827     | 34  | 9      | 30                    | 32                     | Good      | -                 | +       | Spontaneous                 | A  | A and D               | 3 $\frac{1}{2}$ and 3 $\frac{3}{4}$ | -                                  |
| 2878     | 25  | 2      | 32                    | 32                     | Good      | -                 | +       | Int. version (2).           | A  | SB                    | 4 $\frac{1}{2}$                     | -                                  |
|          |     |        |                       |                        |           |                   |         | Spontaneous                 |    |                       |                                     | First bleeding on day of delivery. |

| No.<br>Reg.    | Age | Parity | Maturity on<br>Admission.<br>wkrs | Maturity at<br>Delivery.<br>wkrs | Condition<br>on<br>Admission | Type | Mode of<br>Delivery. |         |   | Result | Weight of<br>Placenta<br>g. | Weight of<br>Child<br>Ibs | Remarks. |
|----------------|-----|--------|-----------------------------------|----------------------------------|------------------------------|------|----------------------|---------|---|--------|-----------------------------|---------------------------|----------|
|                |     |        |                                   |                                  |                              |      | Central              | Partial | Spontaneous   |        |                             |                           |          |
| 2901           | 18  | 1      | 31                                | 32                               | Fair                         | -    | +                    | +       | Art. rupt. memb.<br>in labour.  | A      | SB                          | 4                         | -        |
| 2929           | 31  | 3      | 36                                | 36                               | Good                         | -    | +                    | +       | Spontaneous<br>Internal version.                                      | A      | A                           | 6½                        | -        |
| 3046           | 36  | 4      | ?28                               | ?28                              | Good                         | -    | +                    | +       | Cæs. section  | A      | SB                          | 7½                        | -        |
| { 3069<br>3917 | 28  | 1      | 23+                               | 32                               | Good                         | -    | -                    | -       | Undelivered<br>Willet's foreeps.                                      | A      | SB                          | 5½                        | -        |
|                |     |        |                                   |                                  |                              |      |                      |         |   |        |                             |                           |          |
| 3085           | 28  | 6      | 28                                | 28                               | Good                         | -    | +                    | +       | Spontaneous<br>Leg brought down.                                      | A      | SB                          | ?                         | -        |
| 3246           | 23  | 1      | 39                                | 40                               | Good                         | -    | +                    | +       | Manual<br>Low foreeps.  | A      | SB                          | 7½                        | -        |
| 3411           | 20  | 1      | 25                                | 25                               | Fair                         | -    | +                    | +       | Episiotomy  | A      | SB                          | -                         | -        |
| { 3494<br>3502 | 43  | 11     | 34                                | 34                               | Good                         | -    | +                    | +       | Internal version.   | A      | A                           | 6                         | -        |
|                |     |        |                                   |                                  |                              |      |                      |         |   |        |                             |                           |          |
| { 3757         | 39  | 10     | 36                                | 38                               | Good                         | -    | +                    | +       | Spontaneous<br>Undelivered<br>Cæs. section                            | A      | SB                          | 6¾                        | P        |
|                |     |        |                                   |                                  |                              |      |                      |         |   |        |                             |                           |          |
| { 3574<br>3717 | 25  | 5      | 24                                | -                                | Good                         | -    | +                    | +       | Undelivered<br>Spontaneous<br>Internal version.                       | A      | D                           | 2¾                        | -        |
|                |     |        |                                   |                                  |                              |      |                      |         |   |        |                             |                           |          |
| 3576           | 34  | 2      | 36                                | 36                               | Good                         | -    | +                    | +       | Undelivered<br>Spontaneous<br>Internal version.                       | D      | -                           | -                         | -        |
| 3577           | 36  | 8      | 31                                | 31                               | Fair                         | -    | +                    | +       | Leg brought down.   | A      | SB                          | 3½                        | -        |
| 3819           | 39  | 9      | 35                                | 35                               | Collapsed                    | +    | -                    | -       | Spontaneous<br>Vag in a paeked.<br>Int. version. Leg<br>brought down. | A      | SB                          | 7                         | P        |

| No.<br>Reg. | Age | Parity | Maturity on<br>Admission<br>wks | Maturity at<br>Delivery<br>wks | Condition<br>on<br>Admission | Type<br>Central<br>Partial | Mode of<br>Delivery. |                                    | Result<br>M.<br>Ch | Weight<br>of<br>Child<br>lbs | Ptyrexia or<br>Septic. | Remarks.  |
|-------------|-----|--------|---------------------------------|--------------------------------|------------------------------|----------------------------|----------------------|------------------------------------|--------------------|------------------------------|------------------------|---|
|             |     |        |                                 |                                |                              |                            | Parti.<br>l          | Ch                                 |                    |                              |                        |   |
| 3880        | 30  | 4      | 35                              | 35                             | Fair                         | -                          | +                    | Caes. section                      | A                  | D<br>5 $\frac{3}{4}$         | -                      | First bleeding at 28 weeks. Sterilised. Spinal anæs. P.P.H. Three blood transfusions. |
| 3946        | 25  | 2      | 38                              | 38                             | Collapsed                    | +                          | -                    | Caes. section                      | -                  | SB<br>7 $\frac{1}{4}$        | -                      | First bleeding at 38 weeks. Blood transfusion.  |
| 4005        | 35  | 3      | 41                              | 41                             | Good                         | -                          | +                    | Caes. section                      | A                  | A<br>?                       | -                      | First bleeding at 3 months. Sterilised.   |
| 4013        | 34  | 8      | 34                              | 34                             | Collapsed                    | -                          | +                    | Bipolar version.                   | A                  | SB<br>3 $\frac{3}{4}$        | -                      | First bleeding at 34 weeks. Also accidental hemorrhage.                               |
| 4129        | 28  | 8      | 40                              | 40                             | Good                         | -                          | +                    | Spontaneous                        | A                  | A<br>6                       | P                      | First bleeding at 40 weeks. Sterilised.   |
| 4143        | 36  | 4      | 32                              | 32                             | Good                         | -                          | +                    | Caes. section                      | A                  | A<br>6                       | P                      | Spinal anæs. Bronchitis. Mitral stenosis. Breech. Bleeding at 31 weeks.               |
| 4196        | 30  | 2      | 36                              | 36                             | Collapsed                    | +                          | -                    | Leg brought down.<br>Manual breech | A                  | D<br>4 $\frac{3}{4}$         | -                      | First bleeding at 36 weeks. Spinal anæs. Blood transfusion. Bronchitis.               |
| 4390        | 23  | 2      | 31                              | 31                             | Good                         | -                          | +                    | Repeat Caesarean                   | A                  | A<br>4 $\frac{3}{4}$         | P                      | First bleeding at 31 weeks. Sterilised. Blood transfusion. Bronchitis.                |
| 4401        | 27  | 1      | 38                              | 38                             | Good                         | -                          | +                    | Art. rupt. Memb.<br>in labour.     | A                  | A<br>5 $\frac{1}{4}$         | -                      | First bleeding at 38 weeks.   |
| 4445        | 27  | 6      | 40                              | 40                             | Good                         | -                          | +                    | Spontaneous                        | A                  | A<br>5 $\frac{1}{2}$         | -                      | First bleeding at 40 weeks.   |
| 4448        | 24  | 1      | 31                              | 31                             | Good                         | -                          | +                    | Spontaneous                        | A                  | D<br>7                       | -                      | Surg. ind. Art. rupt. memb. First bleeding at 31 weeks.                               |
| 4466        | 24  | 4      | 37                              | 37                             | Collapsed                    | +                          | -                    | Caes. section                      | A                  | SB<br>6                      | -                      | First bleeding at 37 weeks. Two blood transfusions.                                   |

## 2.—ACCIDENTAL HÆMORRHAGE.

There were 177 cases of accidental hæmorrhage, of which 8 died in hospital and 1 after transfer to another hospital, giving a corrected mortality rate of 5.1 per cent. Two cases died undelivered, one from severe toxæmia and the other from shock. Of those delivered 3 cases died from cortical necrosis of the kidneys (this includes the transferred case), one case died from severe toxæmia, two cases died from shock, and one case died from post-partum hæmorrhage and toxæmia. There were 88 still-births and 19 infants died. Eighteen still-births occurred in 61 delivered cases of the apparent type, 14 still-births occurred in 20 delivered cases of the concealed type, and 56 still-births occurred in 79 delivered cases of the mixed type. Puerperal pyrexia was noted in 3 cases and puerperal sepsis in 1 case.

Fourteen cases received blood transfusion; 16 transfusions in all being given. Twelve of these cases were of the mixed and two of the apparent type. In this group 4 cases died, cause of death being shock in three and hæmorrhage and toxæmia in one.

A.—*Cases under Ante-natal Supervision at Hospital Clinic (Total, 33).*

| Mode of Delivery.                 | Type.      |            |            | Mother. |    | Child. |      |    | Pyrexia. | Sepsis. | Mortality per cent. |        |
|-----------------------------------|------------|------------|------------|---------|----|--------|------|----|----------|---------|---------------------|--------|
|                                   | Concealed. | Appar-ent. | Com-bined. | A.      | D. | A.     | S.B. | D. |          |         | Mother.             | Child. |
| Spontaneous -                     | 4          | 7          | 7          | 18      | —  | 7      | 9    | 2  | —        | —       | —                   | 50.0   |
| Artificial rupture, spontaneous - | —          | 5          | —          | 5       | —  | 2      | 1    | 2  | —        | —       | —                   | 20.0   |
| Forceps - -                       | —          | 1          | —          | 1       | —  | —      | 1    | —  | —        | —       | —                   | 100.0  |
| Internal version                  | 1          | —          | —          | 1       | —  | —      | 1    | —  | —        | —       | —                   | 100.0  |
| Leg brought down in breech        | —          | —          | 1          | 1       | —  | —      | 1    | —  | —        | —       | —                   | 100.0  |
| Perforation, spontaneous -        | —          | 1          | —          | 1       | —  | —      | 1    | —  | —        | —       | —                   | 100.0  |
| Undelivered -                     | —          | 6          | —          | 6       | —  | —      | —    | —  | —        | —       | —                   | —      |
| Totals -                          | 5          | 20         | 8          | 33      | —  | 9      | 14   | 4  | —        | —       | —                   | 51.9   |

B.—*Others (Total, 144).*

| Mode of Delivery.                 | Type.      |           |           | Mother. |     | Child. |      |    | Pyrexia. | Sepsis. | Mortality per cent. |        |      |
|-----------------------------------|------------|-----------|-----------|---------|-----|--------|------|----|----------|---------|---------------------|--------|------|
|                                   | Concealed. | Apparent. | Combined. | A.      | D.  | A.     | S.B. | D. |          |         | Mother.             | Child. |      |
| Spontaneous -                     | 12         | 32        | 44        | 85      | 3   | 32     | 45   | 12 | 2        | —       | 3.4                 | 50.6   |      |
| Artificial rupture, spontaneous - | 1          | 6         | 19        | 25      | 1   | 7      | 17   | 2  | 1        | —       | 3.8                 | 65.4   |      |
| Forceps -                         | 1          | 3         | 2         | 6       | —   | 2      | 3    | 1  | —        | 1       | —                   | 50.0   |      |
| Internal version -                | —          | —         | 2         | 2       | —   | —      | 2    | —  | —        | —       | —                   | 100.0  |      |
| Leg brought down in breech -      | —          | 1         | —         | 1       | —   | —      | 1    | —  | —        | —       | —                   | 100.0  |      |
| Manual breech -                   | —          | 1         | 1         | 1       | 1   | 1      | 1    | —  | —        | —       | 50.0                | 50.0   |      |
| Craniotomy -                      | —          | —         | 1         | 1       | —   | —      | 1    | —  | —        | —       | —                   | 100.0  |      |
| Vagina packed, spontaneous -      | —          | 2         | 1         | 3       | —   | 1      | 2    | —  | —        | —       | —                   | 66.7   |      |
| Cæsarean section -                | 1          | —         | —         | 1       | —   | —      | 1    | —  | —        | —       | —                   | 100.0  |      |
| Perforation, forceps -            | —          | —         | 1         | —       | 1   | —      | 1    | —  | —        | —       | 100.0               | 100.0  |      |
| Undelivered -                     | 1          | 11        | 1         | 11      | 2   | —      | —    | —  | —        | —       | —                   | —      |      |
| Totals -                          |            | 16        | 56        | 72      | 136 | 8      | 43   | 74 | 15       | 3       | 1                   | 5.6    | 56.1 |

\* Twins (twice) and one miscarriage.

## Groups A and B (Total, 177).

|                                   |    |    |    |     |     |    |    |    |    |   |       |       |      |
|-----------------------------------|----|----|----|-----|-----|----|----|----|----|---|-------|-------|------|
| Spontaneous -                     | 16 | 39 | 51 | 103 | 3   | 39 | 54 | 14 | 2  | — | 2.8   | 50.5  |      |
| Artificial rupture, spontaneous - | 1  | 11 | 19 | 30  | 1   | 9  | 18 | 4  | 1  | — | 3.2   | 58.0  |      |
| Forceps -                         | 1  | 4  | 2  | 7   | —   | 2  | 4  | 1  | —  | 1 | —     | 57.1  |      |
| Internal version -                | 1  | —  | 2  | 3   | —   | —  | 3  | —  | —  | — | —     | 100.0 |      |
| Leg brought down in breech -      | —  | 1  | 1  | 2   | —   | —  | 2  | —  | —  | — | —     | 100.0 |      |
| Manual breech -                   | —  | 1  | 1  | 1   | 1   | 1  | 1  | —  | —  | — | 50.0  | 50.0  |      |
| Craniotomy -                      | —  | —  | 1  | 1   | —   | —  | 1  | —  | —  | — | —     | 100.0 |      |
| Vagina packed, spontaneous -      | —  | 2  | 1  | 3   | —   | 1  | 2  | —  | —  | — | —     | 66.7  |      |
| Perforation, spontaneous -        | —  | 1  | —  | 1   | —   | —  | 1  | —  | —  | — | —     | 100.0 |      |
| Perforation, forceps -            | —  | —  | 1  | —   | 1   | —  | 1  | —  | —  | — | 100.0 | 100.0 |      |
| Cæsarean section -                | 1  | —  | —  | 1   | —   | —  | 1  | —  | —  | — | —     | 100.0 |      |
| Undelivered -                     | 1  | 17 | 1  | 17  | 2   | —  | —  | —  | —  | — | 10.5  | —     |      |
| Totals -                          |    | 21 | 76 | 80  | 169 | 8  | 52 | 88 | 19 | 3 | 1     | 4.5   | 55.3 |

\* Twins (twice) and one miscarriage.

ACCIDENTAL HEMORRHAGE.

A.—Cases under Ante-natal Supervision at Hospital Clinic.

63

| Reg. No. | Age. | Parity. | Condition on Admission. | Type. | Mode of Delivery. |      | Result. |     | First Bleeding before Delivery.   | Weight of Child. | Ptyrexia or Extras. Spills. | Albuminuria. | Highest Blood Pressure | Remarks  |
|----------|------|---------|-------------------------|-------|-------------------|------|---------|-----|-----------------------------------|------------------|-----------------------------|--------------|------------------------|--|
|          |      |         |                         |       |                   |      | M.      | Ch. |                                   |                  |                             |              |                        |  |
| 5        | 32   | 6       | 41                      | 41    | Good              | —    | +       | —   | —                                 | 7 $\frac{3}{4}$  | —                           | .28          | 134/78                 | Both hands prolapsed.<br>R.P. clot +.<br>R.P. clot 1 lb.           |
| 175      | 25   | 1       | 36                      | 36    | Fair              | —    | +       | —   | —                                 | 4 $\frac{1}{2}$  | —                           | —            | 127/70                 |  |
| 267      | 29   | 1       | ?                       | ?     | Good              | +    | —       | —   | 4 days                            | 8                | —                           | —            | 115/80                 |  |
| 376      | 25   | 2       | 40                      | 40    | Good              | +    | +       | —   | —                                 | —                | —                           | —            | —                      |  |
| 392      | 37   | 9       | 28                      | 29    | Good              | +    | —       | —   | —                                 | —                | —                           | —            | —                      |  |
| 427      | 30   | 7       | 40                      | 40    | Collapsed         | +    | +       | —   | —                                 | —                | —                           | —            | —                      |  |
| { 453    | 22   | —       | —                       | 11    | —                 | Good | —       | —   | Undelivered                       | 18 weeks         | —                           | —            | 135/70                 |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
| { 876    | 21   | —       | 1                       | 28    | —                 | Good | +       | —   | Artificial rupt.<br>memb. in lab. | 3 $\frac{1}{4}$  | —                           | —            | 130/90                 |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
|          |      |         |                         |       |                   |      |         |     |                                   |                  |                             |              |                        |  |
| 1393     | —    | —       | 40                      | 40    | Good              | —    | —       | —   | —                                 | —                | —                           | —            | —                      | Breech. Mild case.   |
| 1144     | 23   | 3       | 38                      | 38    | Fair              | +    | +       | —   | —                                 | 6                | —                           | —            | —                      | Breech.  |
| 1362     | 40   | 2       | 40                      | 40    | Good              | +    | —       | —   | —                                 | 6                | —                           | —            | —                      | R.P. clot 1 lb.  |
| 1656     | 33   | 3       | 33                      | 34    | Good              | —    | +       | —   | —                                 | 7 $\frac{1}{2}$  | —                           | —            | —                      | A.P. eclampsia. 6 fits.  |
| 1750     | 23   | 3       | 40                      | 40    | Good              | +    | +       | —   | —                                 | 3                | —                           | —            | —                      | Surg. ind. 5 days after admission. R.P. clot 1 lb.                 |
| 1826     | 34   | 1       | 37                      | 37    | Good              | +    | +       | —   | —                                 | 7 $\frac{1}{4}$  | —                           | —            | —                      | R.P. clot +.<br>R.P. clot 2 ozs. C.P.<br>D.C. 4 $\frac{1}{4}$ ins. |
|          |      |         |                         |       |                   |      |         |     |                                   | 3                | —                           | —            | —                      | 185/110<br>138/90  |

| Reg. No. | Age. | Parity. | Maturity on Admitt. wks | Condition on Admiss. Dehivery. wks | Type. | Mode of Delivery | Result. |     | Highest Blood Pressure          |                            | Perineal tag. Albu. min. utra. | Remarks    |
|----------|------|---------|-------------------------|------------------------------------|-------|------------------|---------|-----|---------------------------------|----------------------------|--------------------------------|------------|
|          |      |         |                         |                                    |       |                  | M.      | Ch. | First Bleeding before Delivery. | Wt. of Child at Birth. lbs |                                |            |
| 2266     | 19   | 1       | 29                      | 32                                 | Good  | +                | -       | -   | -                               | -                          | -                              | 130/84     |
| 2340     | 29   | 1       | 36                      | 36                                 | Good  | -                | +       | SB  | 12 hours                        | 5½                         | +                              | 126/80     |
| 2617     | 37   | 6       | 30                      | 30                                 | Good  | +                | +       | SB  | 3½                              | 3½                         | .03                            | 212/142    |
| { 2689   | 20   | 1       | 29                      | —                                  | Good  | +                | -       | A   | 11 weeks                        | —                          | —                              | 170/110    |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| { 3802   | 29   | —       | 40                      | 40                                 | Good  | -                | -       | A   | 14 days                         | 7                          | —                              | 124/76     |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| 2824     | 29   | 3       | 27                      | 29                                 | Good  | +                | +       | A   | 2½                              | —                          | —                              | 110/70     |
| 2860     | 23   | 4       | 29                      | 33                                 | Fair  | +                | —       | —   | —                               | —                          | .75                            | 122/85     |
| 2930     | 40   | 6       | 40                      | 40                                 | Fair  | +                | —       | A   | 10 hours                        | 8                          | —                              | Tr. 120/70 |
| 2955     | 28   | 1       | 32                      | 32                                 | Fair  | +                | —       | A   | 4 weeks                         | 4½                         | —                              | 168/104    |
| 2989     | 22   | 5       | 36                      | 36                                 | Fair  | -                | +       | SB  | 6½                              | —                          | —                              | Tr. 120/80 |
| 3074     | 35   | 1       | 31                      | 32                                 | Good  | +                | —       | A   | 6 days                          | 6½                         | —                              | Tr. 120/74 |
| 3520     | 18   | 1       | 42                      | 42                                 | Good  | +                | +       | A   | 2 days                          | 6½                         | —                              | Tr. 144/96 |
| { 3569   | 23   | 1       | 33                      | —                                  | Good  | +                | —       | A   | —                               | —                          | —                              | 124/78     |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| { 4173   | 34   | —       | 40                      | —                                  | Good  | —                | —       | A   | 7 weeks                         | 6                          | —                              | 174/110    |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| { 3629   | 34   | 8       | 27                      | —                                  | Good  | —                | —       | A   | 5 hours                         | 5½                         | —                              | 130/100    |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| { 3862   | —    | 1       | 30                      | 30                                 | Good  | +                | —       | A   | 5 weeks                         | 6½                         | —                              | 100/70     |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| { 3753   | 31   | —       | 35                      | 35                                 | Good  | +                | —       | A   | 4 days                          | 6½                         | —                              | 104/76     |
|          |      |         |                         |                                    |       |                  |         |     |                                 |                            |                                |            |
| 3777     | 20   | 1       | 38                      | 39                                 | Good  | +                | —       | A   | 5 weeks                         | 5½                         | —                              | 142/102    |
| 3912     | 36   | 1       | 40                      | 40                                 | Good  | +                | —       | A   | —                               | —                          | —                              | 156/110    |

| E | Reg. No. | Partur. Age. | Maturity on Admission. wks | Condition on Admission. | Type. | Result. |     | Mode of Delivery.              | Connec. - | Apparent. - | Connected. - | Highest Blood Pressure          |                           | Remarks                       |                                  |
|---|----------|--------------|----------------------------|-------------------------|-------|---------|-----|--------------------------------|-----------|-------------|--------------|---------------------------------|---------------------------|-------------------------------|----------------------------------|
|   |          |              |                            |                         |       | M.      | Ch. |                                |           |             |              | First Bleeding before Delivery. | Weight of Child at Birth. | Weight of Placenta or Sep. or | Percentage of Albuminuria.       |
|   | 4113     | 20           | 1                          | 30                      | Good  | +       | -   | Artificial rupt. memb. in lab. | A         | D           | 4 weeks      | 3½                              | -                         | 96/60                         |                                  |
|   | 4178     | 22           | 3                          | 35                      | Good  | +       | -   | Spontaneous Perforation -      | A         | SB          | 8 hours      | 5½                              | -                         | 126/70                        | C.P. D.C. 4½ ins. Hydrocephalus. |
|   | 4298     | 25           | 1                          | 33                      | 33    | Good    | +   | Spontaneous -                  | A         | SB          | 3 days       | 3                               | -                         | 158/104                       | Mild case. Also C.P.             |
|   | 4475     | 37           | 6                          | 37                      | 37    | Good    | +   | Spontaneous -                  | A         | D           | 3 days       | 6¾                              | -                         | 92/62                         |                                  |

B.—*Others.*

|     |    |   |    |    |              |   |   |                                |   |    |         |        |   |         |   |
|-----|----|---|----|----|--------------|---|---|--------------------------------|---|----|---------|--------|---|---------|---|
| 38  | 39 | 7 | 40 | 40 | Good         | + | - | Spontaneous -                  | A | A  | 1 day   | 6      | - | 144/96  |   |
| 73  | 28 | 5 | 35 | 35 | Collapsed    | + | - | Spontaneous -                  | A | SB | 1 day   | 5      | - | 140/95  | Placenta unhealthy.   |
| 82  | 25 | 2 | 40 | 40 | Good         | - | + | Spontaneous -                  | A | A  | -       | 8½     | - | 144/98  | Small retroplacental clot   |
| 164 | 35 | 5 | 39 | 40 | Good         | - | + | Spontaneous -                  | A | SB | -       | 4      | - | 178/115 | Breech. Partial suppression urine. ¾ lb.  |
| 170 | 24 | 1 | 30 | 30 | Collapsed    | + | + | Artificial rupt. memb. in lab. | D | SB | 1 day   | 2¾     | P | .7      | Died on 9th day of puerperium. Cortical necrosis of kidneys.<br>(See under deaths.) |
| 177 | 25 | 3 | 30 | 30 | Good         | + | + | Spontaneous -                  | A | SB | 10 days | 2      | - | 150/90  | R.P. clot 5 ozs.  |
| 215 | 22 | 2 | 36 | 36 | Collapsed    | + | + | Spontaneous -                  | A | SB | 8 hours | 5½     | - | 134/85  | R.P. clot 12 ozs.   |
| 228 | 32 | 4 | 37 | 37 | Collapsed    | + | - | Spontaneous -                  | A | SB | 1 day   | 3½     | - | 110/80  | Macerated foetus.   |
| 235 | 29 | 4 | 40 | 40 | Collapsed    | + | + | Artificial rupt. memb. in lab. | A | A  | 8 hours | 7½     | - | ?       | R.P. clot ¼ lb.   |
| 280 | 31 | 2 | 30 | 30 | Fair         | + | + | Spontaneous -                  | A | D  | 2 days  | 3½     | - | 135/80  | Twins.  |
|     |    |   |    |    | Int. version |   |   |                                |   |    |         | and 3½ |   |         |   |



| Reg. No.               | Age. | Parity.   | Maturity at Delivery. | Condition on Admission. | Type.             | Result.       |           | First Bleeding before Delivery. | Highest Blood Pressure | Remarks          |
|------------------------|------|-----------|-----------------------|-------------------------|-------------------|---------------|-----------|---------------------------------|------------------------|------------------|
|                        |      |           |                       |                         |                   | Concealed     | Apparent. |                                 |                        |                  |
| Maturity on Admission. | wks  | Delivery. | wks                   | Condition on Admission. | Mode of Delivery. | M.            | Ch.       |                                 |                        |                  |
| 811                    | 37   | 5         | 29                    | 29                      | Good              | -             | +         | Spontaneous                     | -                      | R.P. clot 3 ozs. |
| 850                    | 33   | 4         | 33                    | 33                      | Good              | +             | -         | Spontaneous                     | -                      | Breech.          |
| 911                    | 20   | 2         | 29                    | 29                      | Good              | +             | -         | Spontaneous                     | -                      |                  |
| 913                    | 41   | 4         | 38                    | 38                      | Fair              | +             | -         | Spontaneous                     | -                      |                  |
| 971                    | 38   | 9         | 32                    | 32                      | Good              | +             | -         | Spontaneous                     | -                      |                  |
| 975                    | 32   | 6         | 38                    | 38                      | Good              | +             | -         | Spontaneous                     | -                      |                  |
| 1051                   | 32   | 7         | 40                    | 40                      | SL. collapsed     | +             | +         | Artificial rupt. memb. in lab.  | -                      |                  |
| 1126                   | 33   | 7         | 30                    | 30                      | Fair              | +             | +         | Spontaneous                     | -                      |                  |
| 1155                   | 27   | 2         | 40                    | 40                      | SL. collapsed     | +             | +         | Spontaneous                     | -                      |                  |
| 1177                   | 34   | 1         | 34                    | 34                      | Good              | +             | +         | Spontaneous                     | -                      |                  |
| 1182                   | 35   | 2         | 34                    | 34                      | Fair              | +             | +         | Spontaneous                     | -                      |                  |
| { 1183                 |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        | 134/92           |
| { 1229                 |      | —         | —                     | 32                      | 32                |               |           |                                 |                        | 134/92           |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        | .08              |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        | 210/140          |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        | 1½ lbs.          |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        | 142/98           |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        | .15              |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |
| 1229                   |      | —         | —                     | 32                      | 32                |               |           |                                 |                        |                  |
| 1257                   |      | 44        | 4                     | ?                       | ?                 |               |           |                                 |                        |                  |
| 1315                   |      | 25        | 1                     | 31                      | 31                | SL. collapsed |           |                                 |                        |                  |
| 1183                   |      | 28        | 3                     | 31                      | —                 |               |           |                                 |                        |                  |

| Reg. No. | Age. | Parity. | Condition on Admission. | Type. | Mode of Delivery. |          | Result. | First Bleeding before Delivery. | Weight of Child. | Percentage of Preexisting. | Albuminuria. | Remarks |   |                            |
|----------|------|---------|-------------------------|-------|-------------------|----------|---------|---------------------------------|------------------|----------------------------|--------------|---------|---|----------------------------|
|          |      |         |                         |       | Concealed         | Apparent |         |                                 |                  |                            |              |         |   |                            |
| 1319     | 21   | 2       | 36                      | 36    | Good              | +        | A       | 6 days                          | 6 $\frac{3}{4}$  | —                          | —            | 130/80  |   |                            |
| 1416     | 20   | 1       | 40                      | 40    | Good              | +        | A       | 22 hours                        | 7                | —                          | —            | 148/70  | R.P. clot $\frac{3}{4}$ lb.               |                            |
| 1421     | 36   | 8       | 28                      | 28    | Fair              | +        | A       | 7 days                          | ?                | —                          | —            | 152/60  |   |                            |
| 1438     | 40   | 10      | 38                      | 38    | Fair              | +        | SB      | 26 hours                        | 8                | —                          | —            | 130/80  | Brech.                                    |                            |
| 1459     | 37   | 10      | 32                      | 32    | Good              | +        | A       | 12 hours                        | 5                | —                          | —            | 130/85  | R.P. clot $\frac{1}{4}$ lb.<br>Phlebitis. |                            |
| 1462     | 37   | 5       | 31                      | 31    | Collapsed         | +        | A       | Spontaneous                     | 4                | —                          | —            | ?       | Blood transfusion.                        |                            |
| 1476     | 31   | 6       | 38                      | 38    | Collapsed         | +        | SB      | 8 hours                         | 8                | —                          | +            | 124/70  | R.P. clot $1\frac{1}{4}$ lbs.             |                            |
| 1501     | 35   | 8       | 30                      | 30    | Fair              | +        | A       | 24 hours                        | 8                | —                          | —            | —       |   |                            |
| 1504     | 24   | 1       | 39                      | 39    | Fair              | +        | SB      | 16 hours                        | 3 $\frac{1}{2}$  | —                          | —            | 95/50   | Brech.                                    |                            |
| 1510     | 19   | 1       | ?                       | ?     | Poor              | +        | A       | 6 hours                         | —                | —                          | —            | 1.2     | 145/80                                    |                            |
| 1528     | 28   | 1       | 33                      | 33    | Good              | +        | SB      | 24 hours                        | 4 $\frac{1}{2}$  | —                          | —            | —       | P.P. eclampsia. 2 fits.                   |                            |
| 1551     | 38   | 4       | 36                      | 37    | Good              | +        | A       | 6 hours                         | —                | —                          | —            | 122/70  | R.P. clot 1 lb.                           |                            |
| 1581     | 35   | 9       | 40                      | 40    | Good              | +        | SB      | 24 hours                        | 4 $\frac{1}{2}$  | —                          | —            | —       |   |                            |
| {1583    | 25   | 3       | 36                      | —     | Good              | +        | A       | 5 weeks                         | 4 $\frac{3}{4}$  | —                          | —            | 130/80  | 11 days in hospital.                      |                            |
|          |      |         |                         |       |                   |          |         |                                 |                  |                            |              |         |   |                            |
| {2327    | 33   | 6       | 40                      | 40    | Fair              | —        | A       | 2 days                          | 1                | —                          | —            | 150/90  | 10 days in hospital.                      |                            |
|          |      |         |                         |       |                   |          |         |                                 |                  |                            |              |         |   |                            |
| 1604     | 33   | 6       | 38                      | 40    | Good              | +        | SB      | 8 weeks                         | 7 $\frac{1}{2}$  | —                          | —            | —       | 135/90                                    | Normal.                    |
| 1737     | 27   | 1       | 40                      | 40    | Good              | +        | SB      | 6 weeks                         | 6 $\frac{3}{4}$  | —                          | —            | —       | 140/70                                    | 6 weeks in hospital.       |
|          |      |         |                         |       | Low forceps       | -        | A       | 3 hours                         | 7                | S                          | .1           | —       | 180/110                                   | Medical induction.         |
|          |      |         |                         |       |                   |          | D       |                                 |                  |                            |              |         |   | R.P. clot 2 ozs.           |
|          |      |         |                         |       |                   |          |         |                                 |                  |                            |              |         |   | Offensive lochia.          |
|          |      |         |                         |       |                   |          |         |                                 |                  |                            |              |         |   | Placenta manually removed. |

| Reg. No. | Age. | Parity. | Maturity on Admission. wks | Condition on Admission. | Type. | Result.             |                                | First Bleeding before Delivery. | Highest Blood Pressure | Remarks |
|----------|------|---------|----------------------------|-------------------------|-------|---------------------|--------------------------------|---------------------------------|------------------------|---------|
|          |      |         |                            |                         |       | Concealed Apparent. | M. Ch.                         |                                 |                        |         |
| 1764     | 30   | 1       | 36                         | Poor                    | -     | +                   | Spontaneous                    | -                               | 4 $\frac{3}{4}$        | -       |
| 1789     | 30   | 2       | 41                         | Fair                    | +     | +                   | Spontaneous                    | -                               | 7 $\frac{3}{4}$        | -       |
| 1795     | 43   | 3       | 37                         | Good                    | +     | -                   | Spontaneous                    | -                               | 5                      | +       |
| 1799     | 21   | 1       | 34                         | Fair                    | +     | -                   | Spontaneous                    | -                               | 4 $\frac{1}{2}$        | -       |
| 1851     | 27   | 3       | 36                         | Good                    | +     | +                   | Spontaneous                    | -                               | 6 $\frac{1}{4}$        | +       |
| { 1890   | 26   | 3       | 25                         | -                       | -     | -                   | Undelivered                    | -                               | -                      | -       |
|          |      |         |                            |                         |       |                     |                                |                                 |                        |         |
| 2634     | -    | -       | 38                         | 38                      | +     | -                   | Spontaneous                    | -                               | 4                      | ?       |
| 1921     | 32   | 5       | 37                         | 37                      | +     | +                   | Spontaneous                    | -                               | 6 $\frac{3}{4}$        | 130/90  |
| 2008     | 31   | 2       | 42                         | 42                      | +     | +                   | Craniotomy                     | -                               | 7 $\frac{1}{2}$        | 140/70  |
| 2017     | 29   | 7       | 32                         | 32                      | +     | +                   | Spontaneous                    | -                               | 2 $\frac{1}{4}$        | 125/80  |
| 2103     | 31   | 4       | 40                         | 40                      | +     | +                   | Artificial rupt. memb. in lab. | -                               | 6 $\frac{3}{4}$        | 168/100 |
| 2104     | 23   | 4       | 29                         | 30                      | +     | -                   | Spontaneous                    | -                               | 5 $\frac{1}{2}$        | -       |
| 2122     | 39   | 7       | 36                         | 36                      | +     | -                   | Artificial rupt. memb. in lab. | -                               | 5 $\frac{1}{2}$        | -       |
| 2144     | 28   | 3       | 37                         | Good                    | -     | +                   | Spontaneous                    | -                               | 6 $\frac{1}{2}$        | .05     |
| 2149     | 30   | 3       | 40                         | Poor                    | +     | +                   | Repe a t cæs. section          | -                               | 6 $\frac{1}{2}$        | 120/80  |
|          |      |         |                            |                         |       |                     |                                |                                 | 7 $\frac{1}{4}$        | 155/105 |

| Reg. No. | Age. | Part. wks. | Maturity on Admiss. wks | Condition on Admission. | Type.     | Result. |     | First Bleeding before Delivery. | Highest Blood Pressure | Remarks.               |
|----------|------|------------|-------------------------|-------------------------|-----------|---------|-----|---------------------------------|------------------------|------------------------|
|          |      |            |                         |                         |           | M.      | Ch. |                                 |                        |                        |
| 2240     | 27   | 4          | 40                      | Fair                    | +         | +       | +   | Spontaneous -                   | A                      | Hydramnios. Surg. ind. |
| 2249     | 23   | 2          | 34                      | 34                      | Fair      | +       | +   | Spontaneous -                   | A                      | Anencephaly.           |
| 2298     | 37   | 2          | 36                      | 36                      | Collapsed | +       | +   | Artificial rupt.                | SB                     | R.P. clot +.           |
| 2336     | 30   | 1          | 34                      | 34                      | Good      | +       | +   | memb. in lab.                   | SB                     | R.P. clot 1 lb.        |
| 2382     | 33   | 7          | 40                      | 40                      | Collapsed | +       | +   | Spontaneous -                   | A                      | transfusion.           |
| 2417     | 30   | 2          | 30                      | 30                      | Fair      | +       | +   | Artificial rupt.                | SB                     |                        |
| 2466     | 24   | 1          | 34                      | 34                      | Good      | +       | +   | memb. in lab.                   | SB                     |                        |
| 2549     | 38   | 1          | 36                      | 36                      | Good      | +       | +   | Spontaneous -                   | A                      |                        |
| 2560     | 45   | 8          | 40                      | 40                      | Collapsed | -       | -   | Artificial rupt.                | SB                     |                        |
| 2624     | 29   | 2          | 31                      | 31                      | Good      | +       | +   | memb. in lab.                   | A                      |                        |
| 2658     | 38   | 13         | 40                      | 40                      | Collapsed | +       | +   | Spontaneous -                   | SB                     |                        |
| 2695     | 31   | 4          | 31                      | 31                      | Fair      | +       | +   | Artificial rupt.                | D                      |                        |
| 2704     | 24   | 2          | 30                      | 31                      | Good      | +       | +   | memb. in lab.                   | A                      |                        |
| 2729     | 31   | 10         | 31                      | 32                      | Fair      | +       | +   | Spontaneous -                   | SB                     |                        |
| 2739     | 19   | 1          | 33                      | 33                      | Good      | +       | +   | Artificial rupt.                | A                      |                        |
| 2764     | 38   | 6          | 33                      | 33                      | Collapsed | +       | +   | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | A                      |                        |
|          |      |            |                         |                         |           |         |     | memb. in lab.                   | SB                     |                        |
|          |      |            |                         |                         |           |         |     | Spontaneous -                   | A                      |                        |
|          |      |            |                         |                         |           |         |     | Artificial rupt.                | SB                     |                        |
|          | </   |            |                         |                         |           |         |     |                                 |                        |                        |

| Reg. No.      | Age.     | Partur. wks | Condition on Admission. | Type. | Result.   |           | Mode of Delivery |     | First Bleeding before Delivery. |                         | Highest Blood Pressure                           |                         | Remarks.  |
|---------------|----------|-------------|-------------------------|-------|-----------|-----------|------------------|-----|---------------------------------|-------------------------|--|-------------------------|---|
|               |          |             |                         |       | Apparent. | Concealed | M.               | Ch. | lbs                             | Albumenta <sup>ge</sup> | Debris <sup>or</sup> Chilid <sup>of</sup> Weight | Albumenta <sup>ge</sup> | Debris <sup>or</sup> Chilid <sup>of</sup> Weight  |
| 2780          | 41       | 9           | 40                      | 40    | Good      | +         | A                | A   | 3 days                          | 6 $\frac{3}{4}$         | Tr.  | 130/85                  | R.P. clot, small.   |
| 2788          | 28       | 3           | 40                      | 40    | Fair      | +         | SB               | SB  | 12 hours                        | 6                       | —  | 130/86                  | R.P. clot 2 $\frac{1}{2}$ lbs.  |
| 2798          | 36       | 12          | 42                      | 42    | Good      | +         | A                | A   | 24 hours                        | 6 $\frac{1}{2}$         | —  | 130/80                  |   |
| 2804          | 29       | 5           | 33                      | 33    | Collapsed | +         | A                | SB  | 15 hours                        | 5                       | —  | 148/100                 | R.P. clot 1 $\frac{1}{2}$ lbs. Blood transfusion.   |
| 2821          | 37       | 6           | 40                      | 40    | Collapsed | +         | D                | SB  | 6 hours                         | 9                       | ?  | ?                       | Died 4 hours after admission from haemorrhage and toxæmia. Blood transfusion. (See under deaths.) |
| {2831<br>3993 | 20<br>38 | 3<br>6      | —                       | —     | Fair      | —         | A                | SB  | 16 weeks                        | 4 $\frac{3}{4}$         | —  | 124/86                  | Thr. miscarriage.   |
|               |          |             |                         |       |           |           |                  |     |                                 |                         |  |                         |   |
| 2836          | 38       | 6           | 38                      | 38    | Fair      | +         | A                | SB  | —                               | 6 $\frac{1}{2}$         | —  | 154/90                  | R.P. clot 1 lb.   |
| 2865          | 30       | 2           | 40                      | 40    | Collapsed | —         | A                | SB  | —                               | —                       | —  | —                       | 110/80  |
| 2898          | 30       | 2           | 38                      | 42    | Good      | —         | A                | A   | 23 hours                        | 6 $\frac{3}{4}$         | —  | —                       | Mild case.  |
| 2962          | 32       | 10          | 27                      | 27    | Poor      | +         | SB               | SB  | 8 hours                         | 5                       | —  | —                       | R.P. clot 2 $\frac{1}{4}$ lbs.  |
| 2964          | 27       | 5           | 34                      | 34    | Collapsed | +         | A                | SB  | 2 days                          | 5 $\frac{1}{4}$         | —  | ?                       | 166/100   |

| Reg. No. | Age. | Parity. | Condition on Admission. | Type.     | Result.   |           | First Bleeding before Delivery. | Highest Blood Pressure | Remarks |
|----------|------|---------|-------------------------|-----------|-----------|-----------|---------------------------------|------------------------|---------|
|          |      |         |                         |           | Congealed | Apparent. |                                 |                        |         |
| 2981     | 20   | 2       | 33                      | Collapsed | +         | +         | Artificial rupt. memb. in lab.  | SB                     | A       |
| 3003     | 37   | 5       | 40                      | Good      | -         | -         | Spontaneous                     | A                      | A       |
| 3019     | 32   | 1       | 36                      | Good      | +         | +         | Undelivered                     | A                      | A       |
|          |      |         |                         |           |           |           |                                 |                        |         |
| 3618     | -    | -       | 40                      | Good      | -         | -         | Low forceps                     | A                      | A       |
| 3057     | 23   | 1       | 30                      | Good      | +         | +         | Undelivered                     | A                      | A       |
|          |      |         |                         |           |           |           |                                 |                        |         |
| 4062     | -    | -       | 40                      | Good      | -         | -         | Spontaneous                     | A                      | A       |
| 3090     | 32   | 4       | 39                      | Collapsed | +         | +         | Artificial rupt. memb. in lab.  | D                      | SB      |
|          |      |         |                         |           |           |           |                                 |                        |         |
| 3097     | 37   | 2       | 41                      | Good      | -         | -         | Manual breech                   | A                      | A       |
| 3139     | 38   | 2       | 36                      | Collapsed | +         | +         |                                 | SB                     | SB      |
| 3154     | 36   | 10      | 32                      | Good      | +         | +         |                                 | D                      | D       |
| 3208     | 44   | 7       | 28                      | Collapsed | +         | +         |                                 | SB                     | SB      |
| 3226     | 36   | 9       | 37                      | Good      | +         | +         | Spontaneous                     | A                      | A       |
| 3228     | 31   | 10      | 37                      | Fair      | +         | +         | Spontaneous                     | A                      | A       |
| 3235     | 32   | 9       | 34                      | Good      | -         | -         | Spontaneous                     | SB                     | SB      |
| 3254     | 21   | 1       | 30                      | Good      | +         | -         | Undelivered                     | A                      | A       |
| 3323     | 24   | 1       | 30                      | Good      | +         | -         | Undelivered                     | A                      | A       |

| Reg. No.       | Age. | Parity. | Maturity on Admission. wks | Condition on Admission. | Type.         | Result.     |            | First Bleeding before Delivery. | Highest Blood Pressure | Remarks.                                   |
|----------------|------|---------|----------------------------|-------------------------|---------------|-------------|------------|---------------------------------|------------------------|--|
|                |      |         |                            |                         |               | Apparent.   | Concealed. |                                 |                        |  |
|                |      |         |                            |                         |               | A           | SB         | 20 hours                        | 5 $\frac{1}{4}$        | R.P. clot + +.                             |
| 3401           | 20   | 1       | 43                         | 43                      | Collapsed     | A           | SB         | —                               | —                      | Prol. cord. Attempted replacement outside. |
| 3404           | 39   | 9       | 40                         | 40                      | Collapsed     | A           | SB         | —                               | —                      | R.P. clot + +.                             |
| 3406           | 33   | 5       | 28                         | 28                      | Poor          | A           | SB         | 7 hours                         | 4                      | R.P. clot + +.                             |
| 3486           | 38   | 3       | 40                         | 40                      | Good          | A           | SB         | 5 hours                         | 7 $\frac{1}{2}$        | Mild case.                                 |
| {3571<br>3723} | 29   | —       | 5                          | 34                      | —             | Spontaneous | A          | —                               | —                      | R.P. clot + +.                             |
|                |      |         |                            |                         |               | Mid forceps | A          | —                               | —                      | Mitral stenosis.                           |
| 3638           | 39   | 1       | 33                         | 33                      | Fair          | A           | SB         | —                               | —                      | Surg. ind. R.P. clot 2 ozs.                |
| 3674           | 36   | 10      | 34                         | 34                      | Collapsed     | A           | SB         | 3 days                          | 4                      | R.P. clot + +.                             |
| 3704           | 18   | 1       | 36                         | 36                      | Good          | A           | SB         | 9 hours                         | 3 $\frac{1}{2}$        | Brech. R.P. clot 1 lb.                     |
| 3709           | 29   | 3       | 37                         | 37                      | Good          | A           | SB         | 2 days                          | 6                      | 100/72                                     |
| 3732           | 22   | 2       | 39                         | 39                      | Good          | A           | SB         | 12 hours                        | 6                      | 96/50                                      |
| 3781           | 42   | 6       | 35                         | 35                      | Collapsed     | A           | SB         | 23 hours                        | 7 $\frac{1}{2}$        | Mild case.                                 |
| 3813           | 42   | 9       | 35                         | 35                      | Semi-comatose | A           | SB         | 6 hours                         | 4 $\frac{1}{4}$        | R.P. clot 1 lb.                            |
| 3836           | 31   | 1       | 29                         | —                       | Good          | A           | SB         | —                               | —                      | A.P. eclampsia. 5 fits.                    |
| 3847           | 30   | 4       | 37                         | 37                      | Poor          | A           | SB         | 3 days                          | 6 $\frac{1}{2}$        | Brech. Surg. ind.                          |
| 3885           | 41   | 11      | 39                         | 39                      | Good          | A           | SB         | 2 days                          | 6 $\frac{1}{4}$        | Bougies. R.P. clot +.                      |
| 3918           | 31   | 2       | 28                         | 28                      | Good          | A           | D          | 8 days                          | 2 $\frac{1}{4}$        | 5 days in hospital.                        |
| 3928           | 21   | 2       | 33                         | 34                      | Fair          | A           | SB         | 11 hours                        | 4 $\frac{1}{4}$        | 126/80                                     |
| 4013           | 34   | 1       | 34                         | 34                      | Collapsed     | A           | SB         | 6 hours                         | 3 $\frac{3}{4}$        | 120/98                                     |
| 4024           | 22   | 1       | 34                         | 34                      | Good          | A           | A          | 10 days                         | 4                      | 140/88                                     |
| 4079           | 37   | 6       | 37                         | 37                      | Collapsed     | A           | A          | 8 hours                         | 6 $\frac{1}{2}$        | 166/110                                    |
|                |      |         |                            |                         |               |             |            |                                 |                        | 112/80                                     |
|                |      |         |                            |                         |               |             |            |                                 |                        | 215/150                                    |
|                |      |         |                            |                         |               |             |            |                                 |                        | 190/130                                    |
|                |      |         |                            |                         |               |             |            |                                 |                        | R.O.P.                                     |
|                |      |         |                            |                         |               |             |            |                                 |                        | R.P. clot $\frac{1}{4}$ lb.                |
|                |      |         |                            |                         |               |             |            |                                 |                        | Also case of placenta praevia.             |
|                |      |         |                            |                         |               |             |            |                                 |                        | R.P. clot (small).                         |
|                |      |         |                            |                         |               |             |            |                                 |                        | R.P. clot $1\frac{1}{2}$ lbs.              |

| Reg. No. | Age. | Part. y. | Maturity on Admission. wks | Maturity at Delivery. wks | Condition on Admission. | Type. | Result.   |            | Highest Blood Pressure |     | Remarks                         |   |
|----------|------|----------|----------------------------|---------------------------|-------------------------|-------|-----------|------------|------------------------|-----|---------------------------------|---|
|          |      |          |                            |                           |                         |       | Apparent. | Concealed. | M.                     | Ch. | First Bleeding before Delivery. | Albuminuria                               |
| 4081     | 27   | 4        | 36                         | 36                        | Collapsed               | -     | +         | +          | A                      | SB  | -                               | 120/80                                    |
| 4110     | 23   | 2        | 38                         | 38                        | Good                    | +     | -         | -          | A                      | A   | 16 hours                        | 114/86                                    |
| 4112     | 35   | 8        | 35                         | 35                        | Fair                    | +     | -         | -          | A                      | A   | 24 hours                        | 144/80                                    |
| 4172     | 40   | 9        | 40                         | 40                        | Good                    | +     | -         | -          | A                      | A   | 32 hours                        | 152/84                                    |
| 4177     | 32   | 4        | ?35                        | ?38                       | Fair                    | +     | -         | -          | A                      | -   | -                               | 124/70                                    |
| 4274     | 24   | 1        | 37                         | 37                        | Fair                    | +     | +         | +          | A                      | SB  | 4 days                          | 120/84                                    |
| 4278     | 27   | 4        | 36                         | 36                        | Good                    | +     | -         | -          | A                      | SB  | 18 hours                        | 124/72                                    |
| 4304     | 32   | 3        | 29                         | 29                        | Fair                    | +     | -         | -          | A                      | D   | ?                               | 130/86                                    |
| 4343     | 26   | 2        | 34                         | 34                        | Fair                    | +     | -         | -          | A                      | A   | 19 hours                        | 120/80                                    |
| 4358     | 32   | 4        | 28                         | 28                        | Fair                    | +     | +         | +          | A                      | SB  | 13 hours                        | 120/80                                    |
|          |      |          |                            |                           |                         |       |           |            | A                      | D   | 4 hours                         | 126/70                                    |
|          |      |          |                            |                           |                         |       |           |            | A                      | -   | -                               | 112/80                                    |
| 4363     | 36   | 9        | 33                         | 33                        | Good                    | +     | -         | -          | D                      | -   | -                               | Intravenous saline.                       |
| 4370     | 30   | 2        | 32                         | 32                        | Collapsed               | +     | +         | +          |                        |     | -                               | Blood transfusion.                        |
|          |      |          |                            |                           |                         |       |           |            |                        |     | -                               | Died from shock 10 hours after admission. |
|          |      |          |                            |                           |                         |       |           |            |                        |     | -                               | (See under deaths.)                       |
| 4420     | 25   | 1        | 34                         | 36                        | Good                    | +     | -         | -          | A                      | -   | -                               | 13 days in hospital.                      |
|          |      |          |                            |                           |                         |       |           |            |                        |     | -                               | 128/80                                    |

## TOXÆMIA OF PREGNANCY.

During the year 1935 there were 631 cases of toxæmia of pregnancy. These cases have been divided into four groups, viz. :—(1) Hypertensive toxæmia (excluding eclampsia and accidental haemorrhage); (2) Eclampsia; (3) Hyperemesis; (4) Late vomiting. Dividing the cases in this way there were 469 in group 1; 67 in group 2; 85 in group 3; and 10 in group 4.

Of the 1,893 cases which had been under ante-natal supervision at the Hospital Clinic there were 214 toxæmic cases (197 in group (1); 11 in group 2; 3 in group 3; and 3 in group 4).

Of the 2,485 other cases there were 417 which were toxæmic (272 in group 1; 56 in group 2; 82 in group 3; and 7 in group 4. The cases of hypertensive toxæmia have been tabulated according to their parity.

There were 22 maternal deaths out of a total of 631 toxæmic cases. The incidence in the groups is shown in the following table :—

*Table showing the Maternal Deaths occurring in the cases of Toxæmia in each of the two Categories, A and B.*

| Type of Toxæmia.  | Category A. | Category B. | Total Deaths. |
|---|-------------|-------------|---------------|
| 1. Hypertensive toxæmia (excluding eclampsia and acc. haemorrhage),<br>Prims. - - - - - | 2           | 3           | 5             |
| Hypertensive toxæmia (excluding eclampsia and acc. haemorrhage),<br>Multips. - - - - -  | 1           | 5           | 6             |
| 2. Eclampsia - - - - -  | —           | 8           | 8             |
| 3. Hyperemesis gravidarum - - - -   | —           | 3           | 3             |
| Totals - - - -  | 3           | 19          | 22            |

The one fatal case of late vomiting is included in the hypertensive toxæmia cases, to which group it also belongs.

# I.—HYPERTENSIVE TOXAEMIA (EXCLUDING ECLAMPSIA AND ACCIDENTAL HAEMORRHAGE).

Of a total of 469 cases in this group 232 were primiparae and 237 were multiparae. Twins were noted in 18 cases; 379 infants were born alive and of this number 51 died. There were 54 still-births.

There were 11 maternal deaths: two resulting from cerebral haemorrhage; two from cardiac disease; two from rupture of the uterus; one from lobar pneumonia; one from rupture of an aortic aneurysm; one from acute pyelonephritis; one from septic infarctions; and one from acidosis in a case of late vomiting.

## PRIMIGRAVIDÆ. A.—Cases under Ante-natal Supervision at Hospital Clinic.

| Reg. No.                     | Age. | Parity. | Mode of Delivery. | Mother         |             | Child          |            | Symptoms and Duration in Days. |      | Blood Pressure. |         | Pyrrexia or Pyrexia or Esbach. | Weight of Child at Birth or Pepsis or Esbach. | Weight of Child at Birth or Pepsis or Esbach. | Parts per 1,000  | Parts per 1,000   | Remarks |
|------------------------------|------|---------|-------------------|----------------|-------------|----------------|------------|--------------------------------|------|-----------------|---------|--------------------------------|---|---|------------------|-------------------|---------|
|                              |      |         |                   | Alive or Died. | Still-born  | Alive or Died. | Still-born | Headache.                      | Eye. | Abdomen.        | Eye.    |                                |   |   |                  |                   |         |
| 37                           | 31   | 1       | 41                | 41             | —           | Forceps        | —          | —                              | —    | —               | 120/82  | U +                            | —   | 6 $\frac{3}{4}$                               | R.O.P.           |                   |         |
| 55                           | 18   | 1       | 40                | 40             | —           | Spontaneous    | —          | A                              | —    | —               | 150/86  | —                              | —   | 7   | Med. ind.        | Cervical polypus. |         |
| 84                           | 41   | 1       | 32                | 33             | —           | Spontaneous    | —          | A                              | D    | —               | 196/120 | 9                              | —   | 2 $\frac{1}{2}$                               |                  |                   |         |
| 101                          | 20   | 1       | 40                | 40             | —           | Spontaneous    | —          | A                              | A    | —               | 130/100 | 2                              | —   | 6   |                  |                   |         |
| 134                          | 23   | 1       | 36                | 40             | —           | Spontaneous    | —          | A                              | A    | —               | 150/98  | 2                              | P   | 7   |                  |                   |         |
| 150                          | 24   | 1       | 42                | 43             | —           | Spontaneous    | —          | A                              | A    | —               | 145/98  | 2                              | —   | 8   |                  |                   |         |
| 219                          | 22   | 1       | 37                | 39             | —           | Spontaneous    | —          | A                              | A    | —               | 160/104 | —                              | —   | 7 $\frac{3}{4}$                               |                  |                   |         |
| 220                          | 22   | 1       | 31                | 33             | Undelivered | —              | A          | A                              | —    | —               | 150/92  | 1                              | —   | —   |                  |                   |         |
| 247                          | 20   | 1       | 38                | 40             | Spontaneous | —              | A          | A                              | —    | —               | 160/110 | 4                              | —   | 4   |                  |                   |         |
| 277                          | 25   | 1       | 36                | 38             | Spontaneous | —              | A          | A                              | —    | —               | 160/120 | 11                             | —   | 6 $\frac{1}{4}$                               |                  |                   |         |
| 306                          | 20   | 1       | 41                | 41             | Spontaneous | —              | A          | A                              | —    | —               | 21      | —                              | —   | —   |                  |                   |         |
| { 317<br>1156<br>1575<br>323 | 23   | 1       | 22                | 24             | —           | —              | A          | —                              | —    | —               | 172/98  | Tr.                            | —   | 6 $\frac{3}{4}$                               |                  |                   |         |
|                              | —    | —       | ?                 | ?              | Spontaneous | —              | A          | —                              | —    | —               | —       | —                              | —   | —   |                  |                   |         |
|                              | —    | —       | 36                | 40             | Forceps     | —              | A          | —                              | —    | —               | 140/92  | $\frac{1}{2}$                  | 1   | —   |                  |                   |         |
|                              | 35   | 1       | 43                | 43             | Spontaneous | —              | A          | —                              | —    | —               | 140/90  | 1                              | —   | 7 $\frac{1}{2}$                               | Med. ind.        |                   |         |
| 372                          | 18   | 1       | 38                | 40             | Spontaneous | —              | A          | D                              | —    | —               | 150/90  | $\frac{1}{2}$                  | 10  | P   | R.O.P.           |                   |         |
|                              |      |         |                   |                |             |                |            |                                |      |                 | 124/80  | —                              | —   | 5   | Basal pneumonia. |                   |         |
|                              |      |         |                   |                |             |                |            |                                |      |                 | 185/115 | 10                             | P   | 14  |                  |                   |         |

\* When case is dismissed undelivered maturity refers to that on dismissal.





| Reg. No. | Age. | Parity. | Maturity on Admision. | Maturity at Delivery. | Mode of Delivery. | Mother         |                            | Child          |                            | Symptoms and Duration in Days. |          | Blood Pressure. |                 | Pyrrexia or Epilepsis or Seizures. | Weight of Child or Parts per 1,000 lbs. | Remarks                           |       |       |                              |
|----------|------|---------|-----------------------|-----------------------|-------------------|----------------|----------------------------|----------------|----------------------------|--------------------------------|----------|-----------------|-----------------|------------------------------------|---|-----------------------------------|-------|-------|------------------------------|
|          |      |         |                       |                       |                   | Alive or Died. | Alive, Still-born or Died. | Alive or Died. | Alive, Still-born or Died. | Headache.                      | Abdomen. | Eye.            | Parts per 1,000 |                                    |   |                                   |       |       |                              |
| 1759     | 30   | 1       | 40                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | +                              | -        | 130/75          | 1/2             | -                                  | 8                                       | C.P. Med. ind.                    |       |       |                              |
| 1783     | 35   | 1       | 35                    | 37                    | Spontaneous       | -              | A                          | A              | A                          | -                              | -        | 206/110         | 12              | -                                  | 5 3/4                                   | Med. ind. Surg. ind.              |       |       |                              |
| 1861     | 24   | 1       | 40                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | -                              | -        | 145/105         | 2               | -                                  | 7 1/2                                   | Disproportion. Med. ind.          |       |       |                              |
| 1884     | 21   | 1       | 39                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | -                              | -        | 160/111         | 1               | -                                  | 7                                       |                                   |       |       |                              |
| 1887     | 19   | 1       | 40                    | 40                    | Forceps           | -              | A                          | D              | +                          | 7                              | -        | 145/90          | 2               | P                                  | 7 1/2                                   | P.U.O. C. P. Adherent placenta.   |       |       |                              |
| 1909     | 29   | 1       | 42                    | 42                    | Spontaneous       | -              | A                          | A              | A                          | +                              | -        | 172/60          | 1/2             | -                                  | 6                                       | Manual removal.                   |       |       |                              |
| 1948     | 22   | 1       | 36                    | 37                    | Undelivered       | -              | A                          | -              | -                          | +                              | -        | 150/114         | -               | -                                  | -                                       |                                   |       |       |                              |
|          | 2190 | —       | 40                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | -                              | -        | -               | -               | -                                  | 7 3/4                                   | Surg. ind.                        |       |       |                              |
| 1978     | 24   | 1       | 39                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | ?                              | -        | 185/120         | 2               | -                                  | 7 3/4                                   | Surg. ind.                        |       |       |                              |
| 2062     | 21   | 1       | 36                    | 38                    | Spontaneous       | -              | A                          | A              | A                          | ++                             | -        | 170/100         | 5               | -                                  | 6 1/2                                   |                                   |       |       |                              |
| 2067     | 31   | 1       | 39                    | 40                    | Forceps           | -              | A                          | A              | A                          | -                              | -        | 200/120         | -               | -                                  | 6 1/4                                   | L.O.P. B.P. 195/110 on dismissal. |       |       |                              |
| 2101     | 41   | 1       | 32                    | 32                    | Cæs. section      | -              | A                          | A              | A                          | ++                             | ++       | 218/140         | 12              | -                                  | 3 1/2                                   | B.P. 136/100 on dismissal.        |       |       |                              |
| 2127     | 25   | 1       | 39                    | 39                    | Spontaneous       | -              | A                          | A              | A                          | ++                             | ++       | 165/110         | Tr.             | -                                  | 8 1/2                                   |                                   |       |       |                              |
| 2198     | 25   | 1       | 31                    | 36                    | Spontaneous       | -              | A                          | D              | A                          | 21                             | 7        | -               | -               | -                                  | 3 1/2                                   | Med. ind.                         |       |       |                              |
| 2229     | 32   | 1       | 39                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | ++                             | ++       | 194/126         | 2               | -                                  | 7 1/4                                   |                                   |       |       |                              |
| 2280     | 23   | 1       | 39                    | 40                    | Spontaneous       | -              | A                          | A              | A                          | 84                             | -        | -               | -               | 170/100                            | 5                                       | -                                 | 7 1/4 |       |                              |
| 2283     | 24   | 1       | 41                    | 41                    | Forceps           | -              | A                          | A              | A                          | ++                             | -        | -               | -               | -                                  | 154/82                                  | 1/2                               | -     | 7 1/2 |                              |
| 2333     | 23   | 1       | 37                    | 38                    | Undelivered       | -              | D                          | —              | D                          | ++                             | 30       | -               | -               | -                                  | 168/124                                 | 12                                | +     | -     | Cardiac. (See under deaths.) |

| Reg. No. | Age  | Parity. | Maternity on Admission. | Maternity at Delivery. * wks | Mode of Delivery. | Symptoms and Duration in Days. |        | Highest Blood Pressure. | Parts per 1,000 | Pyrrexia or Seepsis. | Weight of Child in lbs. | Remarks   |               |  |
|----------|------|---------|-------------------------|------------------------------|-------------------|--------------------------------|--------|-------------------------|-----------------|----------------------|-------------------------|-----------|---------------|--|
|          |      |         |                         |                              |                   | Mother                         | Child. | Eye.                    | Headache.       | Abdomen.             | Eye.                    | Headache. | Ext. version. | Med.                                   |
| 2362     | 21   | 1       | 39                      | 40                           | Forceps -         | -                              | A      | +                       | -               | -                    | 156/100                 | 6         | ?             | Surg. ind. R.O.P.                      |
| 2430     | 30   | 1       | 38                      | 39                           | Forceps -         | -                              | A      | D                       | -               | -                    | 190/120                 | 5         | -             | 4 $\frac{3}{4}$ Breech. and surg. ind. |
| 2480     | 22   | 1       | 41                      | 41                           | Forceps -         | -                              | A      | A                       | -               | -                    | 164/100                 | 7         | -             | 7 Prolonged labour.                    |
| { 2532   | 34   | 1       | 29                      | 30                           | Undelivered       | -                              | A      | A                       | ?               | ?                    | 170/104                 | -         | -             | 6 Med. ind. Surg. ind.                 |
|          | 3062 | -       | 37                      | 38                           | Forceps -         | -                              | A      | A                       | +               | -                    | 190/120                 | Tr.       | -             | 7 $\frac{1}{2}$                        |
| { 2550   | 23   | 1       | 42                      | 42                           | Forceps -         | -                              | A      | A                       | +               | -                    | 150/110                 | -         | -             | -                                      |
|          | 2551 | 21      | 1                       | 32                           | Undelivered       | -                              | A      | -                       | -               | -                    | -                       | -         | -             | 8 Disproportion.                       |
| { 2843   | -    | -       | 35                      | 35                           | Spontaneous -     | A                              | A      | A                       | +               | -                    | 160/104                 | +         | -             | -                                      |
|          | 2655 | 26      | 1                       | 39                           | Caes. section -   | A                              | A      | A                       | +               | -                    | 164/100                 | 4         | -             | -                                      |
| { 2702   | 29   | 1       | 32                      | 34                           | Undelivered       | -                              | A      | -                       | +++             | -                    | -                       | 166/104   | -             | -                                      |
|          | 3101 | -       | -                       | 37                           | Forceps -         | -                              | A      | SB                      | +++             | 2                    | -                       | 195/105   | 2             | 9 B.P. 134/90 on dismissal.            |
| 2748     | 24   | 1       | 31                      | 35                           | Spontaneous -     | A                              | SB     | +++                     | 35              | -                    | -                       | 190/124   | 12            | -                                      |
| { 2765   | 18   | 1       | 38                      | 39                           | Undelivered       | -                              | A      | -                       | ++              | 2                    | -                       | 130/80    | -             | -                                      |
|          | 3089 | -       | -                       | 39                           | Spontaneous -     | A                              | A      | A                       | +               | -                    | -                       | 154/100   | -             | -                                      |
| 2864     | 29   | 1       | 39                      | 39                           | Forceps -         | -                              | A      | A                       | +               | -                    | -                       | 164/108   | 2             | -                                      |
| 2875     | 27   | 1       | 30                      | 32                           | Spontaneous -     | A                              | D      | ++                      | 21              | -                    | -                       | 208/128   | 2             | 5 L.O.P. Surg. ind.                    |
| { 2884   | 22   | 1       | 30                      | 32                           | Undelivered       | -                              | A      | -                       | -               | -                    | -                       | 196/100   | -             | -                                      |
|          | 3111 | -       | 32                      | 34                           | Undelivered       | -                              | A      | -                       | -               | -                    | -                       | 200/120   | -             | -                                      |
| { 3683   | -    | -       | 38                      | 38                           | Spontaneous -     | A                              | A      | A                       | -               | -                    | -                       | 220/150   | -             | -                                      |
|          | 2884 | 22      | 1                       | 30                           | 32                | Undelivered                    | -      | A                       | -               | -                    | -                       | -         | -             | -                                      |

| Reg No. | Age | Parity. | Mode of Delivery. | Maternity at Admisi <sup>n</sup> on. wks | Mother       | Child. | Symptoms and Duration in Days. |                | Remarks  |      |           |         |                 |                            |                                |
|---------|-----|---------|-------------------|--|--------------|--------|--------------------------------|----------------|----------|------|-----------|---------|-----------------|----------------------------|--------------------------------|
|         |     |         |                   |  |              |        | Alive, Still-born, or Died.    | Alive or Died. | Abdomen. | Eye. | Headache. | Edema.  | Parts per 1,000 | Pyrexia or Esbraeh.        | Spesis, or Esbraeh.            |
| 2906    | 19  | 1       | 36                | 37                                       | Spontaneous  | -      | -                              | -              | -        | -    | -         | -       | 158/104         | 3                          | 7½                             |
| 2912    | 18  | 1       | 32                | 35                                       | Undelivered  | -      | -                              | -              | -        | -    | -         | -       | 180/120         | Tr.                        | 5½                             |
| 2932    | 44  | 1       | 39                | 42                                       | Spontaneous  | -      | -                              | -              | -        | -    | -         | -       | 155/80          | 5                          | 6½                             |
| 2943    | 21  | 1       | 39                | 40                                       | Spontaneous  | -      | -                              | -              | -        | -    | -         | -       | 180/116         | -                          | -                              |
| 2974    | 34  | 1       | 38                | 38                                       | Forceps      | -      | A                              | -              | -        | -    | -         | 128/95  | ½               | False labour.              |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 190/120         | —                          | Med. ind.                      |
| 3010    | 22  | 1       | 40                | 40                                       | Forceps      | -      | D                              | SB             | +        | -    | -         | 156/100 | —               | C.P. Acute pyelonephritis. |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 162/108         | Tr.                        | Surg. ind. (See under Deaths.) |
| 3041    | 28  | 1       | 39                | 39                                       | Spontaneous  | -      | A                              | -              | -        | -    | -         | 142/100 | —               | Med. ind.                  |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 144/70          | —                          | Brech. Failed version.         |
| 3054    | 22  | 1       | 37                | 37                                       | Undelivered  | -      | A                              | -              | -        | -    | -         | 208/156 | 12              | C.P.                       |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 154/104         | —                          | Transverse. Int. version.      |
| 3131    | —   | —       | 38                | 38                                       | Manual       | -      | A                              | -              | -        | -    | -         | 134/100 | 3               | Med. ind. Twice.           |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 148/90          | —                          | C.P. Influenza.                |
| 3055    | 23  | 1       | 40                | 40                                       | Cæs. section | -      | A                              | -              | -        | -    | -         | 144/80  | —               | 6½                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 154/104         | —                          | 7                              |
| 3119    | 26  | 1       | 40                | 40                                       | Manual       | -      | A                              | -              | -        | -    | -         | 180/108 | —               | 9½                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | 3                          | —                              |
| 3130    | 19  | 1       | 36                | 37                                       | Forceps      | -      | A                              | -              | -        | -    | -         | 148/90  | —               | 6¾                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 152/116         | —                          | —                              |
| 3146    | 27  | 1       | 39                | 39                                       | Spontaneous  | -      | A                              | -              | -        | -    | -         | 140/70  | 1               | 9¾                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 144/80          | —                          | —                              |
| 3162    | 25  | 1       | 38                | 40                                       | Spontaneous  | -      | A                              | -              | -        | -    | -         | 180/108 | —               | 6½                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 152/116         | —                          | —                              |
| 3180    | 35  | 1       | 40                | 40                                       | Cæs. section | -      | A                              | -              | -        | -    | -         | 140/70  | 1               | 9¾                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 144/80          | —                          | —                              |
| 3248    | 20  | 1       | 42                | 42                                       | Spontaneous  | -      | A                              | -              | -        | -    | -         | 140/90  | —               | 3½                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | —                          | —                              |
| 3265    | 20  | 1       | 35                | 35                                       | Spontaneous  | -      | A                              | -              | -        | -    | -         | 140/90  | —               | 4½                         |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | —                          | —                              |
| 3281    | 29  | 1       | 35                | 36                                       | Undelivered  | -      | A                              | -              | -        | -    | -         | 140/90  | —               | 5                          |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | —                          | —                              |
| 3784    | —   | —       | 41                | 41                                       | Cæs. section | -      | A                              | -              | -        | -    | -         | 140/90  | —               | 2                          |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | —                          | —                              |
| 3300    | 28  | 1       | 38                | 38                                       | Manual       | -      | A                              | -              | -        | -    | -         | 140/90  | —               | 5                          |                                |
|         |     |         |                   |  |              |        |                                |                |          |      |           |         | 134/100         | —                          | —                              |

| Reg. No. | Age | Parity. | Maturity on Admittis. wks | Maturity at Delivery.* wks | Mode of Delivery. | Mother |   | Child. |     | Symptoms and Duration in Days. |             | Abdomen | Eye.    | Blood Pressure. | Height of Fetus. | Weight of Fetus or Parts per 1,000 | Weight of Child in lbs.   | Remarks     |
|----------|-----|---------|---------------------------|----------------------------|-------------------|--------|---|--------|-----|--------------------------------|-------------|---------|---------|-----------------|------------------|------------------------------------|---------------------------|-------------|
|          |     |         |                           |                            |                   | A      | D | A      | D   | Spontaneous                    | Spontaneous |         |         |                 | Spontaneous      | Spontaneous                        | Spontaneous               | Spontaneous |
| 3325     | 26  | 1       | 40                        | 40                         | Spontaneous       | -      | A | A      | +   | -                              | -           | -       | -       | 168/100         | -                | -                                  | 6½                        |             |
| 3348     | 26  | 1       | 44                        | 45                         | Spontaneous       | -      | A | D      | +++ | -                              | -           | +       | 180/120 | 5               | -                | 6½                                 | Some oliguria.            |             |
| 3375     | 19  | 1       | 39                        | 39                         | Spontaneous       | -      | A | A      | -   | +                              | -           | -       | 152/90  | -               | -                | 6¾                                 |                           |             |
| 3376     | 42  | 1       | 38                        | 39                         | Forceps           | -      | A | SB     | +++ | -                              | -           | -       | 202/120 | -               | -                | 7¾                                 | B.P. 136/86 on dismissal. |             |
| { 3449   | 24  | 1       | 37                        | 38                         | Undelivered       | -      | A | -      | +++ | +                              | -           | -       | 155/90  | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| { 3690   | 24  | 1       | 39                        | 40                         | Spontaneous       | -      | A | A      | +   | -                              | -           | -       | 120/80  | -               | -                | 7                                  | 7½                        |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| { 3493   | 24  | 1       | 39                        | 40                         | Forceps           | -      | A | A      | +++ | +                              | -           | -       | 146/110 | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| 3500     | 27  | 1       | 40                        | 40                         | Spontaneous       | -      | A | A      | -   | +                              | +           | -       | 164/110 | -               | -                | 7¾                                 |                           |             |
| { 3584   | 22  | 1       | 34                        | 35                         | Undelivered       | -      | A | A      | -   | -                              | -           | -       | 160/110 | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| { 3805   | 24  | 1       | 39                        | 40                         | Spontaneous       | -      | A | A      | +++ | -                              | -           | -       | 160/110 | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| { 3645   | 24  | 1       | 35                        | 37                         | Forceps           | -      | A | A      | -   | -                              | -           | -       | 142/112 | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| 3692     | 26  | 1       | 42                        | 42                         | Forceps           | -      | A | A      | -   | -                              | -           | -       | 182/112 | Tr.             | -                | 6½                                 |                           |             |
| 3716     | 21  | 1       | 39                        | 39                         | Cæs. section      | -      | A | A      | -   | -                              | -           | -       | 170/110 | 3               | Tr.              | 7½                                 |                           |             |
| 3744     | 27  | 1       | 36                        | 37                         | Spontaneous       | -      | A | A      | +++ | -                              | -           | -       | -       | 188/116         | -                | -                                  | -                         |             |
| 3754     | 18  | 1       | 40                        | 40                         | Spontaneous       | -      | A | A      | +   | +                              | -           | -       | 170/120 | Tr.             | -                | -                                  |                           |             |
| { 3770   | —   | 1       | 34                        | 38                         | Undelivered       | -      | A | —      | -   | -                              | -           | -       | 170/134 | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| { 4153   | —   | 1       | 39                        | 39                         | Perforation       | -      | A | SB     | -   | -                              | -           | -       | 140/96  | -               | -                | -                                  | -                         |             |
|          |     |         |                           |                            |                   |        |   |        |     |                                |             |         |         |                 |                  |                                    |                           |             |
| 3877     | 28  | 1       | 38                        | 40                         | Forceps           | -      | A | A      | +++ | +                              | +           | -       | -       | 146/108         | 1                | P                                  | 8½                        |             |
| 3976     | 22  | 1       | 39                        | 39                         | Spontaneous       | -      | A | A      | +   | +                              | +           | -       | -       | 170/126         | -                | -                                  | 7½                        |             |

| Reg. No. | Age. | Parity. | Mode of Delivery.       |                        | Duration in Days. |     | Symptoms and |      | Child. | Mother | Alive or Died. | Alive, Still-born, or Died. | Highest Pressure. | Blood Pressure. | Weight of Child. | Weight of Puerpera. | Remarks         |
|----------|------|---------|-------------------------|------------------------|-------------------|-----|--------------|------|--------|--------|----------------|-----------------------------|-------------------|-----------------|------------------|---------------------|-----------------|
|          |      |         | Maternity on Admission. | Maternity at Delivery. | Wks               | wks | Headache.    | Eye. |        |        |                |                             |                   |                 |                  |                     |                 |
| 4046     | 26   | 1       | 40                      | 40                     | Spontaneous       | -   | SB           | +++  | 14     | -      | -              | -                           | -                 | 152/112         | $\frac{1}{2}$    | -                   | 6 $\frac{1}{2}$ |
| 4145     | 24   | 1       | 40                      | 40                     | Forceps           | -   | A            | A    | -      | -      | -              | -                           | -                 | 150/94          | 2                | -                   | 6 $\frac{1}{4}$ |
| 4148     | 34   | 1       | 39                      | 39                     | Forceps           | -   | A            | A    | -      | -      | -              | -                           | -                 | 158/110         | Tr.              | -                   | 6               |
| 4190     | 26   | 1       | 40                      | 40                     | Spontaneous       | -   | A            | A    | +      | -      | -              | -                           | -                 | 154/100         | 2                | -                   | 8 $\frac{1}{4}$ |
| 4243     | 25   | 1       | 39                      | 40                     | Spontaneous       | -   | A            | A    | +      | 100    | -              | -                           | -                 | 158/106         | Tr.              | -                   | 6               |
| 4317     | 30   | 1       | 38                      | 40                     | Spontaneous       | -   | A            | A    | -      | -      | -              | -                           | -                 | 180/124         | Tr.              | P                   | 6               |
| 4336     | 37   | 1       | 38                      | 40                     | Forceps           | -   | A            | SB   | +      | 4      | -              | -                           | -                 | 182/110         | 3                | -                   | 7 $\frac{1}{4}$ |
| 4349     | 26   | 1       | 36                      | 38                     | Undelivered       | -   | A            | -    | -      | -      | -              | -                           | -                 | 160/120         | -                | -                   | -               |
| 4356     | 21   | 1       | 36                      | 37                     | Undelivered       | -   | A            | SB   | -      | -      | -              | -                           | -                 | 154/100         | -                | -                   | -               |
| 4459     | 24   | 1       | 35                      | 39                     | Spontaneous       | -   | A            | SB   | -      | -      | -              | -                           | -                 | 160/100         | 1                | -                   | 5 $\frac{3}{4}$ |

B.—*Others.*

|     |    |   |    |    |             |   |   |   |     |    |   |   |         |               |               |   |                                     |
|-----|----|---|----|----|-------------|---|---|---|-----|----|---|---|---------|---------------|---------------|---|-------------------------------------|
| 27  | 21 | 1 | 40 | 40 | Spontaneous | - | A | A | ++  | +  | - | + | 21      | 134/82        | $\frac{1}{2}$ | - | 8                                   |
| 83  | 22 | 1 | 30 | 33 | Undelivered | - | A | - | ++  | ++ | + | - | 184/100 | Tr.           | -             | - | B.P. 132/100 on dismissal.          |
| 115 | 21 | 1 | 36 | 36 | Spontaneous | - | A | D | +++ | 7  | 7 | + | 158/110 | $\frac{1}{2}$ | -             | - | Twins.                              |
| 120 | 23 | 1 | 32 | 40 | Spontaneous | - | A | D | +   | ++ | - | + | 21      | 160/110       | 18            | - | $\frac{3}{4}$ and $\frac{3}{4}$     |
| 196 | 21 | 1 | 37 | 39 | Spontaneous | - | A | A | +   | +  | - | - | 178/120 | 6             | -             | - | Twins.                              |
|     |    |   |    |    |             |   | A | A | +   | 14 |   |   |         |               |               |   | 6 $\frac{1}{4}$ and 6 $\frac{1}{4}$ |

| Reg. No. | Age. | Parity. | Mode of Delivery. | Mother         |                            | Child |           | Symptoms and Duration in Days. |      | Blood Pressure.         |         | Weight of Child or Specimen, lbs. | Remarks |   |                 |                                       |
|----------|------|---------|-------------------|----------------|----------------------------|-------|-----------|--------------------------------|------|-------------------------|---------|-----------------------------------|---------|---|-----------------|---------------------------------------|
|          |      |         |                   | Alive or Died. | Alive, Still-born or Died. | Eye.  | Headache. | Abdomen.                       | Eye. | Spasms, Parts per 1,000 | Eschar. |                                   |         |   |                 |                                       |
| 225      | 41   | 1       | 37                | 37             | Spontaneous                | -     | A         | SB                             | +    | -                       | -       | 174/100                           | 7       | - | 6 $\frac{1}{4}$ | Rigid cervix.                         |
| 264      | 18   | 1       | 44                | 44             | Spontaneous                | -     | A         | A                              | +    | -                       | -       | 170/125                           | U+      | - | 6 $\frac{3}{4}$ |                                       |
| 432      | 20   | 1       | ?                 | ?              | Spontaneous                | -     | A         | D                              | +    | -                       | -       | 174/130                           | 10      | - | 6 $\frac{1}{4}$ | Surg. ind.                            |
| 434      | 22   | 1       | 42                | 42             | Spontaneous                | -     | A         | A                              | +    | +                       | -       | 158/140                           | U+      | - | 7 $\frac{1}{2}$ | C.P.                                  |
| 440      | 22   | 1       | 34                | 34             | Forceps                    | -     | A         | A                              | +    | +                       | -       | 124/98                            | 1       | - |                 |                                       |
| 561      | 23   | 1       | 33                | 34             | Spontaneous                | -     | A         | A                              | +    | +                       | -       | 180/110                           | 5       | - | 3 $\frac{1}{2}$ | Twins.                                |
| 620      | 18   | 1       | 38                | 38             | Spontaneous                | -     | A         | A                              | -    | -                       | -       | 116/78                            | 3       | - | 4               | C.P.                                  |
| 626      | 38   | 1       | 33                | -              | Undelivered                | -     | D         | -                              | -    | -                       | -       | 190/110                           | -       | - | -               | Lobar pneumonia. (See under Deaths.)  |
| 642      | 26   | 1       | 36                | 37             | Spontaneous                | -     | A         | A                              | +    | -                       | -       | 150/94                            | 2       | - | 6 $\frac{1}{2}$ |                                       |
| 700      | 43   | 1       | 32                | 33             | Spontaneous                | -     | A         | SB                             | +    | -                       | -       | 230/150                           | U+      | - | 2 $\frac{1}{2}$ | Surg. ind. B.P. 184/120 on dismissal. |
| 712      | 27   | 1       | 37                | 39             | Spontaneous                | -     | A         | A                              | +    | -                       | -       | 158/98                            | 4       | - | 7 $\frac{1}{4}$ | Some oliguria.                        |
| 789      | 23   | 1       | 32                | 33             | Spontaneous                | -     | A         | D                              | +    | +                       | -       | 170/100                           | U+      | - | 3 $\frac{1}{4}$ |                                       |
| 914      | 16   | 1       | 36                | 36             | Spontaneous                | -     | A         | A                              | +    | +                       | +       | 190/110                           | 4       | - | 6               | Bougies. Some C.P.                    |
| 923      | 21   | 1       | 37                | 40             | Spontaneous                | -     | A         | A                              | -    | -                       | -       | 156/100                           | 1       | - | 6               |                                       |
| 931      | 19   | 1       | 38                | 40             | Spontaneous                | -     | A         | A                              | +    | 2                       | -       | 162/95                            | -       | - | 6 $\frac{1}{2}$ |                                       |
| 955      | 17   | 1       | 37                | 37             | Manual                     | -     | A         | SB                             | +    | +                       | -       | 146/100                           | -       | - | 6 $\frac{3}{4}$ |                                       |
| 1041     | 24   | 1       | 38                | 38             | Spontaneous                | -     | A         | A                              | +    | +                       | -       | 134/88                            | -       | - | 6 $\frac{1}{4}$ |                                       |

| Reg. No. | Age | Parity. | Maturity at Admission. | Maturity at Delivery.* | Mode of Delivery. | Mother         |                     | Child |           | Symptoms and Duration in Days. |      | Blood Pressure.   |                 | Escherichia coli | Sepsis, or Pyrexia. | Child of 1,000 lbs.                      | Remarks |
|----------|-----|---------|------------------------|------------------------|-------------------|----------------|---------------------|-------|-----------|--------------------------------|------|-------------------|-----------------|------------------|---------------------|--|---------|
|          |     |         |                        |                        |                   | Alive or Died. | Still-born or Died. | Eye.  | Headache. | Abdomen.                       | Eye. | Highest Pressure. | Parts per 1,000 |                  |                     |  |         |
| 1176     | 31  | 1       | 40                     | 40                     | Forceps -         | A              | SB                  | -     | +         | -                              | +    | 158/96            | $\frac{1}{2}$   | -                | 7                   | R.O.P. High forceps.                     |         |
| 1245     | 35  | 1       | 27                     | 28                     | Miscarriage -     | A              | SB                  | -     | +         | +                              | +    | 220/155           | U+              | P                | -                   | Pyelitis. B.P. fell to 135/95.           |         |
| 1375     | 22  | 1       | 38                     | 38                     | Spontaneous -     | A              | A                   | -     | +         | 4                              | -    | 140/100           | 4               | -                | $7\frac{1}{2}$      |  |         |
| 1444     | 18  | 1       | 40                     | 40                     | Forceps -         | A              | A                   | +     | +         | -                              | -    | 142/98            | -               | -                | $7\frac{1}{4}$      |  |         |
| 1455     | 24  | 1       | 41                     | 41                     | Spontaneous -     | A              | A                   | +     | 7         | -                              | -    | 140/95            | 1               | -                | 8                   |  |         |
| 1531     | 20  | 1       | 41                     | 41                     | Spontaneous -     | A              | SB                  | +     | 56        | -                              | -    | 168/120           | $\frac{1}{2}$   | -                | 8                   | Hydrocephalus. Med. ind.                 |         |
| 1559     | 22  | 1       | 42                     | 42                     | Spontaneous -     | A              | A                   | +     | +         | -                              | -    | 164/96            | 9               | -                | $9\frac{1}{2}$      |  |         |
| 1654     | 29  | 1       | 35                     | 37                     | Spontaneous -     | A              | A                   | +     | +         | -                              | -    | 146/86            | -               | -                | 6                   |  |         |
| 1703     | 19  | 1       | 37                     | 38                     | Spontaneous -     | A              | A                   | +     | +         | -                              | -    | 135/75            | 2               | -                | $8\frac{1}{4}$      |  |         |
| 1730     | 18  | 1       | 34                     | 35                     | Spontaneous -     | A              | A                   | -     | 7         | -                              | +    | 2                 | -               | -                | 5                   |  |         |
| 1739     | 20  | 1       | 39                     | 39                     | Forceps -         | D              | A                   | +     | +         | -                              | -    | 134/100           | 1               | -                | $7\frac{3}{4}$      | Pontine haemorrhage. (See under Deaths.) |         |
| 1745     | 26  | 1       | 38                     | 38                     | Spontaneous -     | A              | D                   | +     | +         | -                              | -    | 145/80            | 1               | -                | $4\frac{1}{2}$      |  |         |
| 1824     | 17  | 1       | 35                     | 35                     | Spontaneous -     | A              | A                   | +     | +         | -                              | -    | 150/110           | -               | -                | 6                   | Some oliguria.                           |         |
| 1868     | 22  | 1       | 37                     | 38                     | Spontaneous -     | A              | A                   | +     | 30        | 14                             | -    | -                 | 158/110         | 9                | -                   | $5\frac{1}{4}$                           |         |
| 1889     | 28  | 1       | 30                     | 31                     | Undelivered -     | A              | A                   | +     | 7         | 14                             | -    | -                 | 165/110         | 2                | -                   | $3\frac{3}{4}$                           |         |
| 1907     | 20  | 1       | 33                     | 35                     | Spontaneous -     | A              | SB                  | -     | -         | -                              | -    | 178/120           | 8               | -                | $5\frac{3}{4}$      |  |         |
| 1925     | 25  | 1       | 37                     | 39                     | Spontaneous -     | A              | A                   | +     | 56        | 14                             | -    | -                 | 180/120         | 1                | -                   |  |         |
| 1940     | 28  | 1       | 38                     | 38                     | Spontaneous -     | A              | A                   | +     | 28        | 28                             | -    | -                 | 150/100         | Tr.              | -                   | $4\frac{1}{2}$                           |         |
| 1979     | 25  | 1       | 40                     | 40                     | Forceps -         | A              | A                   | -     | -         | -                              | -    | 155/105           | Tr.             | -                | 6                   | Transverse. Ext. version. Surg. ind.     |         |

| Reg. No. | Age | Parity. | Maternity on Admission. | Maternity at Delivery.* | Mode of Delivery. | Symptoms and Duration in Days. |           | Highest Blood Pressure. | Esbach. | Parts per 1,000 | Weight of Child or Fetus. | Pyrrexia or Seepsis. | Chilld or Breech.         | Remarks |
|----------|-----|---------|-------------------------|-------------------------|-------------------|--------------------------------|-----------|-------------------------|---------|-----------------|---------------------------|----------------------|---------------------------|---------|
|          |     |         |                         |                         |                   | Eye.                           | Headache. |                         |         |                 |                           |                      |                           |         |
| 2063     | 23  | 1       | 40                      | 40                      | Spontaneous       | -                              | -         | -                       | 184/120 | 9               | -                         | 6 $\frac{1}{4}$      |                           |         |
| 2082     | 21  | 1       | 38                      | 40                      | Spontaneous       | -                              | -         | -                       | 175/130 | 3               | -                         | 7                    |                           |         |
| 2186     | 17  | 1       | 39                      | 39                      | Manual            | -                              | -         | -                       | 160/100 | -               | -                         | 7 $\frac{1}{4}$      | Breech.                   |         |
| 2204     | 28  | 1       | 40                      | 40                      | Spontaneous       | -                              | -         | -                       | 220/120 | Tr.             | -                         | 7 $\frac{3}{4}$      |                           |         |
| 2373     | 22  | 1       | 38                      | 38                      | Spontaneous       | -                              | -         | -                       | 180/120 | -               | -                         | 7 $\frac{1}{4}$      | B.P. 142/90 on dismissal. |         |
| 2217     | 31  | 1       | 42                      | 42                      | Forceps           | -                              | -         | -                       | 164/90  | 1               | -                         | 8                    |                           |         |
| 2269     | 18  | 1       | 36                      | 37                      | Forceps           | -                              | -         | -                       | 146/100 | $\frac{1}{2}$   | -                         | 5 $\frac{1}{2}$      |                           |         |
| 2289     | 31  | 1       | 39                      | 40                      | Spontaneous       | -                              | -         | -                       | 180/140 | $\frac{3}{2}$   | -                         | 6                    |                           |         |
| 2309     | 36  | 1       | 40                      | 40                      | Forceps           | -                              | -         | -                       | 140/80  | +               | S                         | 8 $\frac{1}{2}$      |                           |         |
| 2388     | 26  | 1       | 40                      | 40                      | Forceps           | -                              | -         | -                       | 160/110 | Tr.             | S                         | -                    |                           |         |
| 2422     | 19  | 1       | 40                      | 40                      | Spontaneous       | -                              | -         | -                       | 140/90  | -               | -                         | 5                    |                           |         |
| 2499     | 35  | 1       | 43                      | 43                      | Forceps           | -                              | -         | -                       | 170/95  | -               | -                         | 8 $\frac{3}{4}$      |                           |         |
| 2565     | 23  | 1       | 39                      | 40                      | Manual            | -                              | -         | -                       | 146/90  | 1               | -                         | 7 $\frac{1}{2}$      |                           |         |
| 2769     | 40  | 1       | 34                      | 38                      | Spontaneous       | -                              | -         | -                       | 186/100 | 1               | -                         | 3                    |                           |         |
| 2778     | 18  | 1       | -                       | 32                      | B.B.O.            | -                              | -         | -                       | -       | -               | -                         | 5 $\frac{1}{4}$      |                           |         |
| 2802     | 28  | 1       | 35                      | 36                      | Spontaneous       | -                              | -         | -                       | 154/110 | 2               | -                         | -                    |                           |         |
| 2808     | 20  | 1       | 25                      | 25                      | Miscarriage       | -                              | -         | -                       | 178/108 | 7               | -                         | -                    |                           |         |
| 2863     | 21  | 1       | 43                      | 43                      | Forceps           | -                              | -         | -                       | 150/80  | -               | -                         | 4                    |                           |         |
| 2830     | 25  | 1       | 40                      | 40                      | Forceps           | -                              | -         | -                       | 162/90  | Tr.             | S                         | 9                    |                           |         |
|          |     |         |                         |                         |                   |                                |           |                         | 164/100 | U+              | -                         | 8                    |                           |         |
|          |     |         |                         |                         |                   |                                |           |                         | 164/100 | U+              | -                         | 14                   |                           |         |

| Reg. No. | Age | Parity. | Mode of Delivery. | Mother | Child.      | Symptoms and Duration in Days. |                | Remarks |      |           |          |                 |                    |                         |
|----------|-----|---------|-------------------|--------|-------------|--------------------------------|----------------|---------|------|-----------|----------|-----------------|--------------------|-------------------------|
|          |     |         |                   |        |             | Alive or Still-born.           | Alive or Died. |         | Eye. | Headache. | Abdomen. | Parts per 1,000 | Pyrexia or Septic. | Weight of Child or lbs. |
| 2856     | 24  | 1       | 40                | 40     | Spontaneous | -                              | A              | A       | ++   | -         | 160/110  | 2               | S                  | 6½                      |
| 2868     | 32  | 1       | 39                | 40     | Spontaneous | -                              | A              | A       | 28.  | -         | 184/100  | -               | -                  | 8                       |
| 2890     | 17  | 1       | -                 | 40     | Spontaneous | -                              | A              | A       | ++   | -         | -        | -               | P                  | -                       |
| 2903     | 23  | 1       | 38                | 40     | Forceps     | -                              | A              | A       | 30   | ++        | -        | -               | P                  | 6½                      |
| 2907     | 28  | 1       | 40                | 40     | Spontaneous | -                              | A              | A       | -    | -         | -        | -               | P                  | 6                       |
| 2923     | 23  | 1       | 38                | 38     | Spontaneous | -                              | A              | A       | 14   | -         | -        | -               | P                  | -                       |
| 2934     | 30  | 1       | 38                | 39     | Spontaneous | -                              | A              | A       | 28   | ++        | -        | -               | P                  | -                       |
| 2984     | 29  | 1       | 38                | 38     | Spontaneous | -                              | A              | A       | 42   | -         | -        | -               | P                  | -                       |
| 3005     | 30  | 1       | 40                | 40     | Spontaneous | -                              | A              | SB      | 84   | ++        | -        | -               | P                  | -                       |
| 3040     | 24  | 1       | 33                | 34     | Spontaneous | -                              | A              | D       | +    | -         | -        | -               | P                  | -                       |
| 3115     | 22  | 1       | 39                | 39     | Forceps     | -                              | A              | A       | 7    | -         | -        | -               | P                  | -                       |
| 3120     | 23  | 1       | 37                | 38     | Forceps     | -                              | A              | A       | 84   | ++        | -        | -               | P                  | -                       |
| 3065     | 29  | 1       | 40                | 40     | Forceps     | -                              | A              | A       | 21   | -         | -        | -               | P                  | -                       |
| 3136     | 22  | 1       | 37                | 40     | Forceps     | -                              | A              | D       | +    | ++        | ++       | -               | P                  | -                       |
| 3204     | 29  | 1       | 40                | 40     | Spontaneous | -                              | A              | A       | 14   | 5         | -        | -               | P                  | -                       |
| 3206     | 27  | 1       | 39                | 40     | Forceps     | -                              | A              | A       | -    | -         | -        | -               | P                  | -                       |
| 3165     | 25  | 1       | 35                | 40     | Spontaneous | -                              | A              | A       | 70   | ++        | ++       | 16              | P                  | -                       |

| Reg. No. | Age. | Parity. | Maturity on Dismissal. | Maturity at Delivery.* | Mode of Delivery. | Mother | Child | Symptoms and Duration in Days. |      | Blood Pressure. | Highest | Weight of Child or | Weight of | Remarks         |                              |
|----------|------|---------|------------------------|------------------------|-------------------|--------|-------|--------------------------------|------|-----------------|---------|--------------------|-----------|-----------------|------------------------------|
|          |      |         |                        |                        |                   |        |       | Abdomen.                       | Eye. | Headache.       | Esoph.  | Pyrexia or         | Spasms.   | Parts per 1,000 | lbs.                         |
| 3216     | 32   | 1       | 36                     | 38                     | Spontaneous       | -      | A     | +                              | -    | -               | 182/110 | 3                  | -         | 6½              | Med. ind.                    |
| 3210     | 19   | 1       | 40                     | 40                     | Spontaneous       | -      | A     | +                              | +    | -               | 146/90  | -                  | -         | 6               | Brech.                       |
| 3224     | 21   | 1       | 40                     | 43                     | Manual            | -      | A     | -                              | -    | -               | 154/120 | -                  | -         | 8               |                              |
| 3227     | 20   | 1       | 37                     | 38                     | Spontaneous       | -      | A     | +                              | -    | -               | 174/100 | 2                  | -         | 6               |                              |
| 3237     | 29   | 1       | 40                     | 40                     | Spontaneous       | -      | A     | +                              | -    | -               | 180/90  | +                  | -         | 7½              |                              |
| 3446     | 22   | 1       | 39                     | 39                     | Spontaneous       | -      | A     | -                              | -    | -               | 160/106 | ½                  | -         | 6½              |                              |
| 3481     | 19   | 1       | 35                     | 37                     | Spontaneous       | -      | A     | -                              | -    | -               | 156/116 | 7                  | -         | 4¾              |                              |
| 3489     | 21   | 1       | 32                     | 34                     | Spontaneous       | -      | A     | D                              | -    | -               | 156/110 | 10                 | -         | 4¾              | Surg. ind. Bougies and art.  |
| 3601     | 33   | 1       | 40                     | 40                     | Forceps           | -      | A     | SB                             | -    | -               | 146/114 | Tr.                | -         | 7½              |                              |
| 3675     | 21   | 1       | 35                     | 36                     | Undelivered       | -      | A     | -                              | +    | +               | 220/150 | 7                  | -         | -               |                              |
| 3718     | 17   | 1       | 36                     | 40                     | Forceps           | -      | A     | A                              | +    | +               | -       | -                  | -         | 9               |                              |
| 3778     | 27   | 1       | 36                     | 36                     | Spontaneous       | -      | A     | A                              | 42   | 1               | -       | -                  | -         | 5½              |                              |
| 3793     | 20   | 1       | 39                     | 39                     | Spontaneous       | -      | A     | A                              | +    | +               | -       | -                  | -         | 6½              |                              |
| 3806     | 23   | 1       | 37                     | 38                     | Undelivered       | -      | A     | D                              | 10   | 2               | -       | -                  | -         | -               |                              |
| 3837     | 25   | 1       | 27                     | 35                     | Spontaneous       | -      | A     | A                              | 14   | -               | -       | -                  | -         | 3½              |                              |
| 3822     | 19   | 1       | 37                     | 40                     | Forceps           | -      | A     | A                              | -    | -               | -       | -                  | -         | 7               |                              |
| 3843     | 17   | 1       | 37                     | 37                     | Spontaneous       | -      | A     | A                              | 42   | -               | -       | -                  | -         | 6½              |                              |
| 3858     | 21   | 1       | 36                     | 42                     | Spontaneous       | -      | A     | A                              | 7    | -               | -       | -                  | -         | 8½              |                              |
| 3902     | 36   | 1       | 30                     | 36                     | Forceps           | -      | D     | A                              | -    | -               | 180/118 | 6                  | -         | 4¾              | Cardiac. (See under Deaths.) |
| 3907     | 25   | 1       | 37                     | 39                     | Spontaneous       | -      | A     | A                              | 14   | -               | -       | -                  | -         | 6½              | Surg. ind.                   |

| Reg No. | Age. | Parity. | Mode of Delivery.       |                         |              |                | Symptoms and Duration in Days. |                |                |                    | Blood Pressure. |      |          |           | Child.             |                    |                 |                  |
|---------|------|---------|-------------------------|-------------------------|--------------|----------------|--------------------------------|----------------|----------------|--------------------|-----------------|------|----------|-----------|--------------------|--------------------|-----------------|------------------|
|         |      |         | Maternity on Admission. | Maternity at Delivery.* | Still-birth. | Alive or Died. | Alive, Still-born.             | Alive or Died. | Alive or Died. | Alive, Still-born. | Headache.       | Eye. | Abdomen. | Esophach. | Pyrexia or Fright. | Pyrexia or Fright. | Child Sepsis.   | Weight of Child. |
|         |      |         | wks                     | wks                     |              |                |                                |                |                |                    |                 |      |          |           |                    |                    | Parts per 1,000 | lbs.             |
| 3974    | 18   | 1       | 38                      | 39                      | Spontaneous  | -              | A                              | A              | A              | A                  | ++              | -    | -        | 140/90    | 4                  | P                  | 6 $\frac{3}{4}$ |                  |
| 3966    | 22   | 1       | 41                      | 41                      | Spontaneous  | -              | A                              | A              | A              | A                  | -               | -    | -        | 180/130   | -                  | -                  | 7               |                  |
| 4020    | 21   | 1       | 40                      | 40                      | Forceps      | -              | A                              | A              | A              | A                  | -               | -    | -        | 152/100   | 4                  | -                  | 7               |                  |
| 4047    | 21   | 1       | 46                      | 46                      | Spontaneous  | -              | A                              | A              | A              | A                  | -               | -    | -        | 136/110   | 2                  | -                  | 5 $\frac{1}{2}$ |                  |
| 4117    | 29   | 1       | 39                      | 39                      | Spontaneous  | -              | A                              | A              | A              | A                  | -               | -    | -        | 140/90    | +                  | -                  | 6 $\frac{1}{2}$ |                  |
| 4133    | 27   | 1       | 36                      | 38                      | Spontaneous  | -              | A                              | A              | A              | A                  | -               | -    | -        | 154/96    | 4                  | -                  | -               |                  |
| 4256    | 39   | 1       | 24                      | 26                      | Miscarriage  | -              | A                              | A              | A              | A                  | -               | -    | -        | 160/112   | 4                  | -                  | -               |                  |
| 4323    | 28   | 1       | 25                      | 27                      | Miscarriage  | -              | A                              | A              | A              | A                  | -               | -    | +        | 188/144   | 3                  | -                  | -               |                  |
| 4419    | 23   | 1       | 43                      | 43                      | Spontaneous  | -              | A                              | A              | A              | A                  | +++             | -    | -        | -         | -                  | -                  | 7 $\frac{1}{4}$ |                  |
| 4455    | 33   | 1       | 41                      | 41                      | Forceps      | -              | A                              | A              | A              | SB                 | -               | -    | -        | 166/100   | Tr.                | -                  | 6 $\frac{1}{2}$ |                  |
| 4459    | 24   | 1       | 35                      | 37                      | Spontaneous  | -              | A                              | A              | A              | SB                 | -               | +    | +        | 164/120   | 1                  | -                  | 5 $\frac{3}{4}$ |                  |
| 4476    | 35   | 1       | 40                      | 40                      | Spontaneous  | -              | A                              | A              | A              | A                  | +++             | -    | -        | 184/106   | +                  | -                  | 7               |                  |

## HYPERTENSIVE TOXEMIA—MULTIPARÆ.

## A. Cases under Ante-natal Supervision at Hospital Clinic.

|    |    |    |    |    |             |   |   |   |   |   |     |   |   |         |                 |   |                 |
|----|----|----|----|----|-------------|---|---|---|---|---|-----|---|---|---------|-----------------|---|-----------------|
| 18 | 27 | 2  | 37 | 39 | Spontaneous | - | A | A | A | A | -   | + | - | 136/88  | 1 $\frac{1}{2}$ | - | 6 $\frac{1}{2}$ |
| 20 | 38 | 8  | 40 | 40 | Spontaneous | - | A | A | A | A | +++ | 7 | - | 142/88  | +               | - | 5 $\frac{1}{4}$ |
| 29 | 38 | 11 | 28 | 30 | Undelivered | - | A | A | A | A | -   | - | - | 178/110 | 56              | - | 9               |

Twins. Kidney trouble with first pregnancy.

Kidney trouble with first pregnancy.

| Reg. No. | Age | Parity. | Mode of Delivery.       |                         | Mother         |                             | Child. |           | Symptoms and Duration in Days. |         | Blood Pressure. |           | Weight of Child at Birth, lbs. | Remarks   |                       |
|----------|-----|---------|-------------------------|-------------------------|----------------|-----------------------------|--------|-----------|--------------------------------|---------|-----------------|-----------|--------------------------------|---|-----------------------|
|          |     |         | Maternity on Admission. | Maternity at Delivery.* | Alive or Died. | Alive, Still-born, or Died. | Eye.   | Headache. | Abdomen.                       | Oedema. | Eye.            | Headache. | Parts per 1,000                | Pyrexia or Septic.  | Epis. or Still-birth. |
| 81       | 22  | 2       | 37                      | 40                      | Spontaneous    | -                           | A      | A         | -                              | -       | 190/140         | -         | 5                              | Toxæmia with first pregnancy.                                     |                       |
| 87       | 37  | 4       | 40                      | 40                      | Caes. section  | -                           | A      | A         | -                              | -       | 160/90          | -         | 9½                             | Two previous miscarriages. One still-birth.                       |                       |
| 132      | 39  | 5       | 32                      | 35                      | Undelivered    | -                           | A      | -         | -                              | -       | 140/90          | 3         | -                              |   |                       |
| 172      | 38  | 7       | 36                      | 40                      | Spontaneous    | -                           | A      | A         | + 84                           | -       | 148/100         | -         | 7                              |   |                       |
| 154      | 27  | 5       | 36                      | 36                      | Spontaneous    | -                           | A      | D         | + 30                           | -       | 140/100         | +         | 4½                             | Twins.  |                       |
| 178      | 35  | 6       | 36                      | 40                      | Spontaneous    | -                           | A      | A         | -                              | -       | 164/86          | 3         | -                              |   |                       |
| 183      | 34  | 9       | 37                      | 38                      | Spontaneous    | -                           | A      | SB        | -                              | -       | 198/110         | Tr.       | -                              |   |                       |
| 283      | 36  | 7       | 12                      | 15                      | -              | A                           | -      | +         | -                              | -       | 190/110         | Tr.       | -                              | Last four pregnancies all miscarriages. B.P. normal in two weeks. |                       |
|          |     |         |                         |                         |                |                             |        |           |                                |         |                 |           |                                |   |                       |
| 1065     | -   | -       | 20                      | 23                      | -              | A                           | -      | -         | -                              | -       | 176/104         | -         | -                              | B.P. normal in two weeks.   |                       |
| 1498     | -   | -       | 27                      | 31                      | -              | A                           | -      | -         | -                              | -       | 192/110         | -         | -                              | B.P. normal in four weeks. Urea concentration test normal.        |                       |
|          |     |         |                         |                         |                |                             |        |           |                                |         |                 |           |                                |   |                       |
| 2025     | -   | -       | 37                      | 39                      | Spontaneous    | -                           | A      | A         | -                              | -       | 170/110         | -         | -                              | B.P. 150/95 on ninth day of puerperium.                           |                       |
| 337      | 23  | 7       | 43                      | 43                      | Spontaneous    | -                           | A      | A         | + 80                           | 280     | -               | 150/90    | -                              | 5½  |                       |
| 340      | 44  | 9       | 39                      | 40                      | -              | A                           | -      | -         | -                              | -       | 158/96          | -         | -                              |   |                       |
| { 341    | 35  | 2       | 40                      | 40                      | Spontaneous    | -                           | A      | A         | -                              | -       | -               | -         | -                              | ?   |                       |
|          |     |         |                         |                         |                |                             |        |           |                                |         |                 |           |                                |   |                       |
| { 697    | 30  | 4       | 34                      | 35                      | Undelivered    | -                           | A      | A         | -                              | +       | 40              | 148/98    | -                              | 7   |                       |
|          |     |         |                         |                         |                |                             |        |           |                                |         |                 |           |                                |   |                       |
| { 699    | -   | -       | 37                      | 38                      | Spontaneous    | -                           | A      | A         | + 80                           | -       | 152/90          | -         | -                              | 4½  | Twins.                |
|          |     |         |                         |                         |                |                             |        |           |                                |         |                 |           |                                | & 5½  |                       |

| Reg. No. | Age. | Parity. | Mother               |                | Child.         |                | Symptoms and Duration in Days. |      | Blood Pressure. |        | Parts per 1,000 |    | Esophageal Esophagitis. | Pyrexia or Septicemia. | Child's Weight at Birth. | Remarks |   |   |
|----------|------|---------|----------------------|----------------|----------------|----------------|--------------------------------|------|-----------------|--------|-----------------|----|-------------------------|------------------------|--------------------------|---------|---|---|
|          |      |         | Alive or Still-born. | Alive or Died. | Alive or Died. | Alive or Died. | Headache.                      | Eye. | Abdomen.        | Edema. | U +             | P  | U +                     | P                      |                          |         |   |   |
| 347      | 28   | 2       | 16                   | 23             | Miscarriage    | -              | A                              | -    | +               | +      | +               | +  | -                       | 180/110                |                          |         |   |   |
| 537      | 39   | 3       | 39                   | 39             | Spontaneous    | -              | A                              | A    | ++              | -      | -               | -  | -                       | 198/100                | 1                        | -       | 9½  |   |
| 543      | 39   | 5       | 22                   | 22             | Miscarriage    | -              | A                              | -    | -               | -      | -               | -  | -                       | 150/100                | 6                        | -       | -   |   |
| 582      | 40   | 9       | 35                   | 36             | Undelivered    | -              | A                              | A    | +               | -      | -               | -  | -                       | 166/114                | ½                        | -       | -   |   |
| 600      | 24   | 2       | 40                   | 40             | Spontaneous    | -              | A                              | A    | +               | 7      | -               | -  | -                       | 146/106                | Tr.                      | P       | 5¾  |   |
| 821      | 28   | 4       | 38                   | 40             | Spontaneous    | -              | A                              | A    | ++              | -      | -               | -  | -                       | 178/126                | Tr.                      | -       | 8   |   |
| 875      | 22   | 3       | 37                   | 39             | Spontaneous    | -              | A                              | A    | ++              | -      | -               | -  | -                       | 152/90                 | -                        | -       | -   |   |
| 1067     | 29   | 3       | 27                   | 28             | Miscarriage    | -              | A                              | -    | -               | +      | 42              | -  | -                       | -                      | 160/120                  | -       | -   | - |
| 1143     | 29   | 3       | 38                   | 38             | Spontaneous    | -              | A                              | D    | +               | -      | -               | -  | -                       | 180/90                 | Tr.                      | -       | -   |   |
| 1275     | 25   | 2       | 23                   | 27             | Miscarriage    | -              | A                              | -    | -               | -      | -               | -  | -                       | 225/140                | Tr.                      | -       | -   |   |
| 1376     | 38   | 10      | 29                   | 29             | Undelivered    | -              | A                              | -    | +               | 3      | -               | -  | -                       | 190/100                | 4                        | -       | -   |   |
| 1415     | 31   | 3       | 43                   | 43             | Spontaneous    | -              | A                              | A    | +               | -      | -               | -  | -                       | 148/95                 | ½                        | -       | 5½  |   |
| 1433     | 20   | 2       | 38                   | 40             | -              | A              | A                              | A    | +               | +      | -               | -  | -                       | 140/80                 | ½                        | -       | 7   |   |
| 1435     | 27   | 3       | 29                   | 31             | Undelivered    | -              | A                              | -    | -               | 7      | +               | 21 | -                       | -                      | 142/80                   | -       | -   | - |
|          | 2312 | -       | -                    | 39             | Undelivered    | -              | A                              | -    | -               | +      | +               | -  | -                       | 168/86                 | -                        | -       | -   |   |
|          | 2855 | -       | -                    | 41             | Spontaneous    | -              | A                              | -    | -               | +      | +               | -  | -                       | 120/70                 | -                        | -       | 8¾  |   |
| 1437     | 36   | 2       | 42                   | 42             | Spontaneous    | -              | A                              | SB   | +               | -      | -               | -  | -                       | 178/110                | -                        | -       | 7   |   |
|          |      |         |                      |                |                |                |                                |      |                 |        |                 |    |                         |                        |                          |         | Med. ind. Phlegmasia alba dolens<br>Puerperal insanity. Transferred<br>to Isolation Hospital. Died<br>on sixteenth day of puer-<br>perium from pulmonary<br>embolism. |   |

| Reg. No. | Age | Parity. | Maturity on |     | Maturity at |     | Mode of Delivery. | Mother.        |                             | Child. |      | Symptoms and Duration in Days. |          | Highest Pressure. |                 | Weight of Child in lbs.     | Remarks   |
|----------|-----|---------|-------------|-----|-------------|-----|-------------------|----------------|-----------------------------|--------|------|--------------------------------|----------|-------------------|-----------------|-----------------------------|---|
|          |     |         | Admission.  | wks | Delivery.   | wks |                   | Alive or Died. | Alive, Still-born, or Died. | Edema. | Eye. | Headache.                      | Abdomen. | Blood Pressure.   | Parts per 1,000 | Pyrexia or Esophag. Sepsis. | Pyrexia or Esophag. Sepsis.   |
| 1460     | 29  | 2       | 18          | 19  | Undelivered | -   | A                 | -              | A                           | +      | +    | -                              | 150/100  | -                 | -               | -                           | Kidney trouble with first pregnancy. B.P. 112/70 on dismissal.                    |
| 3361     | 36  | -       | 40          | 40  | Spontaneous | -   | A                 | A              | A                           | +      | +    | -                              | 138/100  | -                 | -               | 8 $\frac{3}{4}$             | Dilatation and curettage. B.P. 150/105 on dismissal. B.P. 156/70 on dismissal.    |
|          |     |         |             |     | Miscarriage | -   | A                 | -              | -                           | -      | -    | -                              | 215/120  | 2                 | -               | -                           |   |
| 1545     | 36  | 6       | 7           | 10  | Spontaneous | -   | D                 | -              | -                           | -      | -    | -                              | 190/80   | Tr.               | -               | -                           | Observation.  |
| 1563     | 32  | 3       | 31          | 33  | Spontaneous | -   | A                 | A              | A                           | +++    | ++   | -                              | 158/90   | -                 | -               | 4 $\frac{3}{4}$             | 8 $\frac{1}{4}$   |
| 1618     | 27  | 2       | 37          | 38  | Spontaneous | -   | A                 | A              | A                           | ++     | -    | -                              | 130/80   | -                 | -               | -                           | -   |
| 1628     | 36  | 6       | ?           | ?   | Undelivered | -   | A                 | A              | A                           | +++    | ++   | -                              | 148/94   | 1                 | -               | 9 $\frac{1}{4}$             | Kidney trouble with first pregnancy. B.P. 130/70 on dismissal.                    |
|          |     |         |             |     | Spontaneous | -   | A                 | A              | A                           | +++    | ++   | -                              | 174/110  | $\frac{1}{2}$     | -               | 9                           |   |
| 2359     | -   | -       | 40          | 40  | Spontaneous | -   | A                 | A              | A                           | ++     | ++   | -                              | 165/100  | 6                 | -               | 5                           | -   |
| 1644     | 40  | 11      | 40          | 40  | Spontaneous | -   | A                 | A              | A                           | ++     | ++   | -                              | 160/80   | Tr.               | -               | -                           | -   |
| 1660     | 36  | 2       | 34          | 37  | Spontaneous | -   | A                 | SB             | SB                          | ++     | 14   | -                              | 156/90   | Tr.               | -               | 7 $\frac{1}{2}$             | First delivery by caesarean section for eclampsia.                                |
| 1697     | 34  | 5       | 34          | 35  | Undelivered | -   | A                 | -              | +                           | ++     | +    | -                              | 150/95   | 2                 | -               | 8                           | Surg. ind. Bougies. B.P. 150/115 on dismissal.                                    |
| 1701     | 38  | 4       | 37          | 39  | Spontaneous | -   | A                 | A              | A                           | -      | -    | -                              | 210/125  | 5                 | -               | 4 $\frac{1}{2}$             | Med. ind. B.P. 134/85 on fourth day of puerperium.                                |
| 1709     | 27  | 2       | 39          | 40  | Spontaneous | -   | A                 | A              | SB                          | -      | -    | -                              | 140/90   | -                 | -               | -                           | 6 $\frac{1}{2}$   |
| 1717     | 25  | 2       | 33          | 36  | Spontaneous | -   | A                 | A              | A                           | -      | -    | -                              | 192/104  | -                 | -               | -                           | -   |
| 1808     | 42  | 4       | 37          | 38  | Undelivered | -   | A                 | A              | A                           | -      | -    | -                              | 150/100  | Tr.               | -               | -                           | Offensive lochia. Kidney trouble with first pregnancy. Two previous miscarriages. |
|          |     |         |             |     | Spontaneous | -   | A                 | A              | A                           | +      | 21   | -                              | -        | -                 | -               | -                           |   |
| 1883     | 30  | 3       | 40          | 40  | Spontaneous | -   | A                 | A              | A                           | +      | 21   | -                              | -        | -                 | $\frac{1}{2}$   | 8                           | 8   |
| 1898     | 27  | 2       | 40          | 40  | Spontaneous | -   | A                 | A              | A                           | -      | -    | -                              | 170/100  | -                 | -               | -                           | -   |
| 1903     | 34  | 3       | 30          | 35  | Undelivered | -   | A                 | A              | A                           | -      | -    | -                              | 160/110  | 3                 | -               | -                           | -   |

| Reg. No.       | Age.     | Parity. | Maternity on Admission. |          | Maternity at Delivery. |     | Mode of Delivery. |     | Symptoms and Duration in Days. |     | Blood Pressure. |         | Weight of Child or Newborn. |     | Remarks   |   |
|----------------|----------|---------|-------------------------|----------|------------------------|-----|-------------------|-----|--------------------------------|-----|-----------------|---------|-----------------------------|-----|---|---|
|                |          |         | Wks                     | wks      | Wks                    | wks | Wks               | wks | Wks                            | wks | Wks             | wks     | Wks                         | wks |   |   |
| 1977           | 34       | 4       | 36                      | 36       | Spontaneous            | -   | A                 | +   | 14                             | -   | -               | 185/108 | 12                          | -   | 5 $\frac{3}{4}$ Surg. ind.                                      |   |
| 1927           | 29       | 7       | 38                      | 39       | Undelivered            | -   | A                 | -   | -                              | +   | +               | 145/70  | -                           | -   | - Pyelitis.   |   |
| { 2206<br>1997 | 38<br>38 | -<br>10 | 40<br>37                | 40<br>39 | Spontaneous            | -   | A                 | A   | -                              | 21  | -               | -       | 145/100                     | -   | -   | 8 $\frac{3}{4}$ Breech.   |
|                |          |         |                         |          | Spontaneous            | -   | A                 | A   | -                              | -   | +               | -       | 170/116                     | 2   | -   | 6 $\frac{3}{4}$ Med. ind.   |
| 2047           | 31       | 2       | 35                      | 35       | Spontaneous            | -   | A                 | A   | +                              | +   | +               | 125/95  | 1                           | -   | 8 Hydramnios. Kidney trouble with first pregnancy.              |   |
| 2246           | 30       | 2       | 44                      | 45       | Spontaneous            | -   | A                 | A   | +                              | 7   | -               | 180/120 | 1                           | -   | 7 $\frac{3}{4}$ Surg. ind. C.P. B.P. 134/100 on dismissal.      |   |
| 2247           | 35       | 8       | 38                      | 40       | Spontaneous            | -   | A                 | A   | +                              | 21  | -               | 165/95  | -                           | -   | 7 $\frac{1}{4}$ Kidney trouble with third pregnancy. Surg. ind. |   |
| { 2260<br>2845 | 41<br>29 | 9<br>7  | 27<br>20                | 32<br>21 | Undelivered            | -   | A                 | A   | +                              | 30  | -               | -       | 230/130                     | -   | -   | Surg. ind. Bougies. Failed.   |
|                |          |         |                         |          | Spontaneous            | -   | A                 | D   | +                              | +   | +               | -       | 240/130                     | -   | -   | B.P. 186/106 on dismissal.  |
| { 2320<br>3438 | -<br>-   | -<br>33 | -<br>40                 | -<br>40  | Undelivered            | -   | A                 | -   | -                              | -   | -               | -       | 160/100                     | Tr. | -   | B.P. 240/130 on dismissal.  |
|                |          |         |                         |          | Manual breech          | D   | SB                | SB  | +                              | +   | +               | -       | 154/96                      | P   | -   | Four previous miscarriages. Oedema with all pregnancies. Congenital syphilis. |
| 3088           | 36       | 8       | 40                      | 40       | Spontaneous            | -   | A                 | -   | -                              | -   | -               | -       | 158/110                     | 1   | -   | 9 $\frac{1}{2}$ Med. and surg. induction.                                     |
| 3116           | 27       | 3       | 38                      | 40       | Forceps                | -   | SB                | -   | -                              | -   | -               | -       | 150/90                      | Tr. | -   | 9 $\frac{1}{2}$ Med. and surg. induction.                                     |
| 3129           | 37       | 4       | 34                      | 36       | Spontaneous            | -   | A                 | A   | +                              | 40  | 7               | -       | 156/98                      | -   | -   | 7 $\frac{1}{2}$ Med. and surg. induction.                                     |
| 3223           | 43       | 3       | 38                      | 44       | Crotchet               | -   | A                 | SB  | -                              | +   | 30              | -       | 168/94                      | Tr. | -   | 128/70 on fifth day of puerperum. Anencephaly.                                |
| 3256           | 39       | 2       | 39                      | 39       | Spontaneous            | -   | A                 | A   | +++                            | -   | -               | -       | 160/90                      | Tr. | -   | 7   |

| Reg. No. | Age | Parity. | Maturity on Admission. wks | Maturity at Delivery.* wks | Mode of Delivery. | Mother Child. Alive or Died. | Child. Alive, Still-born or Died. | Symptoms and Duration in Days. |      | Highest Blood Pressure. | Weight of Child or Parts per 1,000 | External Esoph. Sepsis. | Child or Parts per 1,000 | External Esoph. Sepsis.               | Remarks  |  |
|----------|-----|---------|----------------------------|----------------------------|-------------------|------------------------------|-----------------------------------|--------------------------------|------|-------------------------|------------------------------------|-------------------------|--------------------------|---------------------------------------|--|--|
|          |     |         |                            |                            |                   |                              |                                   | Headache.                      | Eye. |                         |                                    |                         |                          |                                       |  |  |
| 3269     | 25  | 3       | 35                         | 37                         | Spontaneous       | -                            | A                                 | SB                             | +    | 204/120                 | 5                                  | -                       | 4 $\frac{3}{4}$          | B.P. 120/90 on dismissal.             |  |  |
| 3288     | 34  | 4       | 39                         | 40                         | Spontaneous       | -                            | A                                 | A                              | -    | -                       | 146/104                            | Tr.                     | -                        | 7 $\frac{3}{4}$                       | Kidney trouble with previous pregnancy.                            |  |
| 3302     | 35  | 5       | 31                         | 32                         | Spontaneous       | -                            | A                                 | SB                             | ++   | 176/118                 | 6                                  | -                       | 4 $\frac{1}{2}$          | Kidney trouble with second pregnancy. |  |  |
| 3439     | 28  | 2       | 37                         | 37                         | Spontaneous       | -                            | A                                 | A                              | +++  | -                       | 160/110                            | 7                       | -                        | 5 $\frac{1}{2}$                       | Kidney trouble with previous pregnancy. B.P. 130/100 on dismissal. |  |
| 3551     | 30  | 4       | 39                         | 40                         | Spontaneous       | -                            | A                                 | A                              | ++   | 190/134                 | 5                                  | -                       | 5 $\frac{1}{2}$          |                                       |  |  |
| 3530     | 28  | 3       | 37                         | 39                         | Spontaneous       | -                            | A                                 | A                              | ++   | -                       | 150/98                             | -                       | 8 $\frac{1}{2}$          |                                       |  |  |
| 3864     | 39  | 7       | 40                         | 40                         | Spontaneous       | -                            | A                                 | A                              | ++   | -                       | 162/104                            | -                       | P                        |                                       |  |  |
| 3970     | 32  | 2       | 38                         | 40                         | Spontaneous       | -                            | A                                 | D                              | +    | -                       | 150/100                            | Tr.                     | -                        | 7 $\frac{1}{2}$                       |  |  |
| 4043     | 40  | 9       | 35                         | 38                         | Spontaneous       | -                            | A                                 | A                              | ++   | -                       | 208/130                            | 1                       | -                        | 6 $\frac{1}{4}$                       |  |  |
| 4068     | 40  | 3       | 24                         | 25                         | Undelivered       | -                            | A                                 | A                              | -    | -                       | 164/96                             | -                       | -                        | -                                     |  |  |
| 4076     | 21  | 2       | 40                         | 40                         | Spontaneous       | -                            | A                                 | A                              | -    | -                       | 164/116                            | +                       | P                        |                                       |  |  |
| 4139     | 30  | 3       | 35                         | 39                         | Spontaneous       | -                            | A                                 | A                              | -    | -                       | 160/80                             | -                       | -                        | 7                                     |  |  |
| 4246     | 39  | 6       | 36                         | 38                         | Undelivered       | -                            | A                                 | A                              | -    | -                       | 180/90                             | Tr.                     | -                        | 6                                     |  |  |
| 4313     | 35  | 3       | 38                         | 38                         | Spontaneous       | -                            | A                                 | A                              | ++   | +                       | 170/110                            | 9                       | -                        | 6                                     |  |  |
| 4372     | 28  | 2       | 38                         | 40                         | Spontaneous       | -                            | A                                 | SB                             | +    | -                       | 158/110                            | Tr.                     | -                        | 9 $\frac{3}{4}$                       |  |  |
| 4386     | 35  | 4       | 37                         | 41                         | Spontaneous       | -                            | A                                 | A                              | +    | 30                      | -                                  | -                       | 7                        |                                       |  |  |
| 4413     | 37  | 5       | 40                         | 40                         | Spontaneous       | -                            | A                                 | A                              | -    | -                       | 150/100                            | -                       | -                        | 6                                     |  |  |
|          |     |         |                            |                            |                   |                              |                                   |                                |      | -                       | 154/96                             | -                       | -                        | -                                     |  |  |

## B. Others.

| Reg. No. | Age | Parity. | Maturity on Admittition. | Maturity at Delivery.* | Mode of Delivery. | Symptoms and Duration in Days. |      | Highest Blood Pressure. | Parts per 1,000 | Weight of Child lbs. | Remarks                   |
|----------|-----|---------|--------------------------|------------------------|-------------------|--------------------------------|------|-------------------------|-----------------|----------------------|---------------------------|
|          |     |         |                          |                        |                   | Abdomen                        | Eye. |                         |                 |                      |                           |
| 43       | 29  | 3       | 37                       | 38                     | Spontaneous       | -                              | -    | -                       | 172/118         | 1½                   | Influenza.                |
| 51       | 34  | 6       | 40                       | 40                     | Spontaneous       | -                              | -    | -                       | 184/130         | 5                    |                           |
| 86       | 35  | 7       | 20                       | 20                     | Miscarriage       | -                              | -    | -                       | 230/120         | -                    | B.P. 130/90 on dismissal. |
| 91       | 27  | 2       | 26                       | 27                     | Miscarriage       | -                              | -    | -                       | 212/110         | 7                    | B.P. fell to 170/120.     |
| 99       | 36  | 10      | 16                       | 19                     | Miscarriage       | -                              | -    | -                       | 210/106         | 1                    | B.P. fell to 122/70.      |
| 116      | 32  | 3       | 13                       | 20                     | Hysterotomy       | -                              | -    | -                       | 168/100         | 2                    |                           |
| 124      | 33  | 5       | 24                       | 29                     | Spontaneous       | -                              | -    | -                       | 200/116         | U+                   |                           |
| 171      | 34  | 2       | 35                       | 35                     | Spontaneous       | -                              | -    | -                       | 180/110         | 9                    |                           |
| 200      | 38  | 8       | -                        | 40                     | B.B.O.            | -                              | -    | -                       | 125/70          | 2                    |                           |
| 274      | 32  | 2       | 37                       | 37                     | Spontaneous       | -                              | -    | -                       | 154/92          | 5                    |                           |
| { 276    | 37  | 2       | 35                       | 36                     | Undelivered       | A                              | D    | + + +                   | 170/100         | -                    | W.R. +.                   |
|          |     |         |                          |                        |                   |                                |      |                         |                 |                      |                           |
| { 612    | 36  | -       | 38                       | 38                     | Forceps           | A                              | A    | - + +                   | 182/110         | 7                    | Prolonged labour.         |
|          |     |         |                          |                        |                   |                                |      |                         |                 |                      |                           |
| 297      | 34  | 6       | 32                       | 33                     | Spontaneous       | -                              | -    | -                       | 170/90          | 13                   | ?                         |
| 341      | 35  | 2       | 36                       | 38                     | Undelivered       | -                              | -    | -                       | 146/94          | 1                    | Surg. ind. Bougies        |

| Reg. No.             | Age. | Parity. | Maturity at Delivery. |         | Mother                   |                | Child.         |                | Symptoms and Duration in Days. |          | Blood Pressure. |         | Parts per 1,000 | Exsiccation | Weight of Child or Still-born | Weight of Extra or Sepsis.                                | Remarks |                       |  |
|----------------------|------|---------|-----------------------|---------|--------------------------|----------------|----------------|----------------|--------------------------------|----------|-----------------|---------|-----------------|-------------|-------------------------------|---|---------|-----------------------|--|
|                      |      |         | Maturity on Adm. to   | on Dis. | Alive or Died.           | Alive or Died. | Alive or Died. | Alive or Died. | Eye.                           | Abdomen. | Headache.       | Eye.    |                 |             |                               |   |         |                       |  |
| 370                  | 31   | 5       | 36                    | 36      | Spontaneous              | -              | A              | A              | + 14                           | -        | -               | 162/98  | 11              | -           | 9 1/4                         | W.R. +.   |         |                       |  |
| 408                  | 32   | 3       | 36                    | 38      | Spontaneous              | -              | A              | A              | + 14                           | + + 14   | -               | 160/108 | 1 1/2           | -           | 5                             |   |         |                       |  |
| 437                  | 35   | 9       | 31                    | 34      | Spontaneous              | -              | A              | A and A        | -                              | + 14     | -               | 170/120 | 6               | -           | 5 1/2 and 5 1/2               | Twins. Surg. ind. Bougies. Albumen with last pregnancy.   |         |                       |  |
| 482                  | 41   | 8       | 40                    | 40      | Spontaneous              | -              | D              | A              | -                              | -        | -               | 170/110 | -               | S           | 10                            | Arterio-sclerosis. Septic infarction. (See under Deaths.) |         |                       |  |
| 494                  | 27   | 2       | 28                    | 30      | Spontaneous              | -              | A              | A              | + + 7                          | -        | -               | 190/120 | U+              | -           | 4 1/4                         | Surg. ind. Bougies.                                       |         |                       |  |
| { 504<br>2213<br>559 | 19   | 2       | 18                    | 20      | Undelivered              | -              | A              | A              | + + +                          | -        | -               | 170/110 | -               | -           | 5 3/4                         | Surg. ind.  |         |                       |  |
|                      | —    | —       | 38                    | 39      | Spontaneous              | -              | A              | A              | -                              | -        | -               | 170/130 | 1               | -           |                               |   |         |                       |  |
| { 844                | 22   | 2       | 21                    | 23      | Undelivered              | -              | A              | A              | -                              | + 70     | -               | 170/116 | 1               | -           |                               |   |         |                       |  |
|                      | —    | —       | —                     | —       | Miscarriage              | -              | A              | A              | -                              | -        | -               | 150/98  | -               | -           |                               |   |         |                       |  |
| 566                  | 38   | 3       | 37                    | 40      | Forceps and int. version | -              | A              | A and A        | + 21                           | -        | -               | 130/80  | 2               | -           | 6 1/4 and 6                   | Twins. C.P. Some oliguria.                                |         |                       |  |
| 594                  | 35   | 5       | —                     | 25      | Miscarriage              | -              | A              | A              | -                              | -        | -               | -       | -               | —           | 1/2                           | —   |         |                       |  |
| 715                  | 32   | 7       | 34                    | 37      | Spontaneous              | -              | A              | A              | -                              | + + +    | -               | 130/88  | 1               | -           | 8 1/4                         | Uraemia. Nine fits  |         |                       |  |
| 804                  | 23   | 4       | 29                    | 30      | Undelivered              | -              | A              | A              | -                              | -        | -               | 150/88  | 2               | -           | 3                             | dismissal.  |         |                       |  |
| 817                  | 33   | 2       | 32                    | 33      | Spontaneous              | -              | A              | D              | + + +                          | + + +    | -               | 220/130 | U+              | -           |                               | Surg. ind.  |         |                       |  |
| 873                  | 35   | 2       | —                     | 42      | Spontaneous              | -              | A              | A              | 42                             | 7        | 7               | ?       | ?               | 168/98      | —                             |   |         |                       |  |
| 902                  | 27   | 2       | 38                    | 42      | Spontaneous              | -              | A              | A              | + +                            | -        | 30              | —       | —               | 142/102     | 1                             | —   | 8 1/2   | Breech. Ext. version. |  |
| 950                  | 39   | 5       | 38                    | 38      | Spontaneous              | -              | A              | A              | + + 6                          | -        | -               | 114/80  | U+              | -           | 6 1/2                         | Some oliguria.  |         |                       |  |

| Reg. No. | Age. | Parity. | Mode of Delivery. |    | Mother      | Child. | Symptoms and Duration in Days. |           | Blood Pressure. |         | Parts per 1,000 | Weight of Child in lbs. | Remarks         |  |   |                           |                                      |
|----------|------|---------|-------------------|----|-------------|--------|--------------------------------|-----------|-----------------|---------|-----------------|-------------------------|-----------------|--|---|---------------------------|--------------------------------------|
|          |      |         |                   |    |             |        | Eye.                           | Headache. | Abdomen.        | Eye.    | Headache.       |                         |                 |  |   |                           |                                      |
| 910      | 25   | 4       | 31                | 31 | Spontaneous | -      | +                              | +++       | -               | 230/130 | -               | -                       | 2 $\frac{1}{2}$ | Surg. ind. Bougies. Art. rupt. memb. B.P. 130/90 on dismissal. |   |                           |                                      |
| 992      | 30   | 5       | 35                | 38 | Spontaneous | -      | A                              | A         | -               | -       | 155/105         | 2                       | -               | 7 $\frac{1}{4}$  | Surg. ind. L.O.P.                               |                           |                                      |
| 1006     | 38   | 2       | 37                | 37 | Undelivered | -      | D                              | -         | +               | -       | 140/94          | -                       | -               | -  | Rupture of aortic aneurysm. (See under Deaths.) |                           |                                      |
| 1016     | 30   | 2       | 40                | 40 | Craniotomy  | -      | A                              | SB        | +               | -       | ?               | 2                       | -               | 8 $\frac{1}{4}$  | C.P.  |                           |                                      |
| 1025     | 24   | 4       | 38                | 38 | Spontaneous | -      | A                              | A         | +               | ++      | -               | -                       | -               | -  | B.P. 170/105 on dismissal.                      |                           |                                      |
| 1070     | 31   | 4       | 35                | 35 | Spontaneous | -      | A                              | D         | +++             | 30      | 30              | -                       | -               | 7 $\frac{1}{4}$  | B.P. fell to 120/80.                            |                           |                                      |
| 1169     | 39   | 6       | 40                | 40 | Forceps     | -      | A                              | SB        | -               | -       | -               | 146/86                  | 1               | -  | 4 $\frac{1}{2}$                                 | F.F.O.                    |                                      |
| 1197     | 35   | 6       | 24                | 27 | Miscarriage | -      | A                              | D         | ++              | 7       | 7               | -                       | -               | 7  | Surg. ind. Acc. haem. with first pregnancy.     |                           |                                      |
| 1274     | 25   | 2       | 31                | 32 | Spontaneous | -      | A                              | D         | ++              | +       | -               | 146/100                 | Tr.             | -  | 4   | B.P. 153/65 on dismissal. |                                      |
| 1322     | 28   | 2       | 35                | 36 | Undelivered | -      | A                              | -         | ++              | 14      | -               | -                       | 200/40          | -  | -   | -                         | Med. ind.                            |
| 1451     | 43   | 2       | 36                | 37 | Undelivered | -      | A                              | -         | +++             | -       | -               | -                       | 160/85          | -  | -   | -                         | 6 $\frac{3}{4}$                      |
| 1461     | 34   | 2       | 35                | 37 | Spontaneous | -      | A                              | SB        | +               | -       | -               | -                       | 178/100         | 8  | -   | -                         | Med. ind.                            |
| 1488     | 41   | 5       | 34                | 34 | Miscarriage | -      | A                              | SB        | +               | ++      | -               | -                       | 168/80          | -  | -   | -                         | Med. ind.                            |
| 1518     | 39   | 2       | -                 | 35 | Spontaneous | -      | A                              | A         | +++             | 60      | -               | +                       | 170/110         | 3  | P   | -                         | B.B.O. Hemiplegia. Abscess of thigh. |
| 1538     | 32   | 3       | 39                | 39 | Spontaneous | -      | A                              | A         | +++             | 14      | 1               | +                       | 180/100         | 2  | -   | 5 $\frac{1}{4}$           | Surg. ind. Bougies.                  |
| 1556     | 40   | 9       | 35                | 39 | Spontaneous | -      | A                              | SB        | ++              | 28      | 260             | -                       | 178/100         | 4  | -   | 6 $\frac{3}{4}$           |                                      |

| Reg. No. | Age. | Parity. | Maturity on Admision. | Maturity at Delivery. | Mode of Delivery. | Mother         |                     | Child.         |                     | Symptoms and Duration in Days. |      | Blood Pressure. |         | Pyrrexia or Sepests. | Eschar.   | Parts per 1,000 | Weight of Child in lbs. | Remarks         |   |
|----------|------|---------|-----------------------|-----------------------|-------------------|----------------|---------------------|----------------|---------------------|--------------------------------|------|-----------------|---------|----------------------|-----------|-----------------|-------------------------|-----------------|---|
|          |      |         |                       |                       |                   | Alive or Died. | Still-born or Died. | Alive or Died. | Still-born or Died. | Headache.                      | Eye. | Edema.          | Oedema. | Abdomen.             | Headache. | Eye.            | Edema.                  |                 |   |
| 1612     | 29   | 5       | 36                    | 40                    | Cæs. section      | -              | A                   | A              | A                   | ++                             | ++   | ++              | -       | -                    | 164/120   | 3               | -                       | 7               | Eclampsia with second pregnancy. Sterilised.                                  |
| 1687     | 37   | 3       | 37                    | 40                    | Spontaneous       | -              | A                   | A              | SB                  | -                              | -    | -               | -       | -                    | 180/100   | +               | -                       | 7 $\frac{3}{4}$ | Hydrocephalus. Rupt. uterus. Generalised peritonitis. (See under Deaths.)     |
| 1736     | 36   | 4       | 40                    | 40                    | Hysterectomy.     | -              | D                   | D              | -                   | -                              | -    | -               | -       | -                    | 142/95    | -               | S                       | -               | Surg. ind. Bougies. 195/130 on dismissal. Kidney trouble with last pregnancy. |
| 1719     | 42   | 7       | 30                    | 36                    | Spontaneous       | -              | A                   | D              | 42                  | ++                             | ++   | -               | -       | -                    | 240/140   | 2               | -                       | 4 $\frac{1}{4}$ | B.P.  |
| 1817     | 36   | 7       | 39                    | 39                    | Spontaneous       | -              | A                   | A              | 21                  | ++                             | ++   | ++              | 60      | -                    | 142/110   | Tr.             | -                       | 7 $\frac{1}{2}$ | 195/130 on dismissal. Kidney trouble with last pregnancy.                     |
| 1722     | 34   | 3       | 33                    | 36                    | Undelivered       | -              | A                   | -              | -                   | -                              | -    | -               | -       | -                    | 160/100   | 1               | -                       | -               | B.P.  |
| 1777     | 30   | 5       | -                     | 40                    | Spontaneous       | -              | A                   | A              | -                   | ++                             | ++   | ++              | -       | -                    | 166/120   | $\frac{1}{2}$   | -                       | -               | B.B.O.  |
| 1850     | 39   | 8       | 32                    | 33                    | Spontaneous       | -              | A                   | S              | SB                  | ++                             | ++   | 1               | -       | -                    | 230/140   | 5               | -                       | 3               | Surg. ind. Bougies. 168/100 on dismissal.                                     |
| 1894     | 31   | 3       | 42                    | 42                    | Spontaneous       | -              | A                   | A              | -                   | ++                             | ++   | 7               | 7       | -                    | 160/100   | 3               | -                       | 6               | Surg. ind. Eclampsia with first pregnancy. Albuminuria with second.           |
| 1902     | 40   | 11      | 32                    | 32                    | Spontaneous       | -              | A                   | A              | -                   | -                              | -    | -               | -       | -                    | 190/120   | $\frac{1}{2}$   | -                       | 5 $\frac{3}{4}$ | B.P. 155/110 on dismissal.  |
| 1911     | 39   | 6       | 38                    | 39                    | Spontaneous       | -              | A                   | A              | 70                  | ++                             | ++   | 4               | 100     | -                    | 196/110   | 4               | -                       | 5               | Sterilised. Albuminuria with last pregnancy.                                  |
| 1928     | 38   | 7       | 10                    | 11                    | Hysterotomy       | -              | A                   | -              | -                   | ++                             | ++   | ++              | -       | -                    | 180/110   | 1               | -                       | 6               | Sterilised. Albuminuria with last pregnancy.                                  |
| 1980     | 33   | 3       | 40                    | 40                    | Spontaneous       | -              | A                   | A              | -                   | -                              | -    | -               | -       | -                    | 160/100   | +               | -                       | 6               | Sterilised. Albuminuria with last pregnancy.                                  |
| 2089     | 28   | 2       | ?                     | ?                     | Spontaneous       | -              | A                   | SB             | 14                  | ++                             | ++   | +               | -       | -                    | 162/116   | 2               | -                       | 3 $\frac{1}{2}$ | Mastitis.   |
| 2092     | 25   | 2       | 35                    | 39                    | Spontaneous       | -              | A                   | A              | 14                  | -                              | -    | -               | -       | -                    | 160/120   | 4               | P                       | 5 $\frac{1}{4}$ | Previous section. P.U.O.  |
| 2105     | 40   | 2       | 37                    | 40                    | Cæs. section      | -              | A                   | A              | -                   | -                              | -    | -               | -       | -                    | 168/90    | -               | P                       | 9               | Mastitis.   |

| Reg. No.       | Age.    | Parity. | Maturity on Admission. | Maturity at Delivery.* | Mode of Delivery.          | Mother            |                               | Child |           | Symptoms and Duration in Days. |          | Blood Pressure. |           | Child of<br>Pyrrexia or<br>Sepsis. | Weight of<br>Child<br>lbs. | Remarks   |
|----------------|---------|---------|------------------------|------------------------|----------------------------|-------------------|-------------------------------|-------|-----------|--------------------------------|----------|-----------------|-----------|------------------------------------|----------------------------|---|
|                |         |         |                        |                        |                            | Alive or<br>Died. | Alive, Still-born<br>or Died. | Eye.  | Headache. | Oedema.                        | Abdomen. | Eye.            | Headache. | Oedema.                            | Abdomen.                   | Eye.  |
| 2123           | 25      | 2       | 40                     | 40                     | Spontaneous                | A                 | A                             | 28    | 7         | ++                             | +        | 160/120         | 1         | —                                  | 7½                         |   |
| 2250           | 27      | 4       | 41                     | 41                     | Forceps                    | -                 | A                             | SB    | ++        | +                              | —        | 150/80          | 1         | —                                  | 7½                         | Prol. hand. Kidney trouble with second pregnancy. |
| 2156           | 37      | 9       | 39                     | 40                     | Spontaneous                | -                 | A                             | A     | 14        | 140                            | 140      | —               | 160/100   | Tr.                                | —                          | 6½  |
| 2157           | 39      | 5       | ?                      | ?                      | Spontaneous                | -                 | A                             | A     | —         | ++                             | 21       | —               | —         | —                                  | —                          | 6   |
| 2244           | 42      | 2       | 31                     | 31                     | Undelivered                | -                 | A                             | —     | —         | +                              | —        | —               | 205/110   | —                                  | —                          | —   |
| 2303           | 28      | 2       | 39                     | 39                     | Spontaneous                | -                 | A                             | A     | —         | ++                             | 56       | —               | 186/110   | 2                                  | —                          | 5½  |
| 2315           | 41      | 4       | 39                     | 40                     | Spontaneous                | -                 | A                             | A     | —         | —                              | —        | —               | 150/110   | —                                  | —                          | 5   |
| 2357           | 42      | 9       | 40                     | 40                     | Spontaneous                | -                 | A                             | A     | —         | —                              | —        | —               | 165/100   | —                                  | —                          | 7½  |
| 2397           | 26      | 3       | 25                     | 28                     | Spontaneous                | -                 | A                             | D     | +         | —                              | —        | —               | 192/100   | 14                                 | —                          | 2   |
| 2445           | 46      | 7       | 36                     | 36                     | Spontaneous                | -                 | A                             | SB    | ++        | ++                             | ++       | —               | 180/110   | Tr.                                | —                          | 3   |
| 2488           | 30      | 2       | 18                     | 19                     | Undelivered                | -                 | A                             | —     | —         | —                              | —        | —               | 144/76    | —                                  | —                          | —   |
| { 3273<br>2502 | —<br>42 | —<br>10 | 27                     | 28                     | Undelivered<br>Miscarriage | -                 | A                             | —     | —         | —                              | —        | —               | —         | —                                  | —                          |   |
|                |         |         |                        |                        |                            |                   |                               |       |           |                                |          |                 |           |                                    |                            |   |
| 2610           | 30      | 2       | 36                     | 39                     | Spontaneous                | -                 | A                             | A     | ++        | —                              | 7        | —               | —         | 250/160                            | 4                          |   |
| 2614           | 36      | 2       | 40                     | 40                     | Craniotomy                 | -                 | A                             | SB    | ++        | —                              | —        | —               | —         | 155/100                            | 2                          |   |
| 2622           | 46      | 9       | 32                     | 32                     | Spontaneous                | -                 | A                             | D     | ++        | ++                             | 56       | —               | —         | 158/92                             | 3                          |   |
|                |         |         |                        |                        |                            |                   |                               |       |           |                                |          |                 |           | 230/160                            | 12                         |   |
|                |         |         |                        |                        |                            |                   |                               |       |           |                                |          |                 |           | 21                                 | —                          |   |

| Reg. No. | Age | Parity. | Maternity on Admission. | Maturity at Delivery.* | Mode of Delivery.      | Symptoms and Duration in Days. |        | Abdomen. | Headache. | Eye. | Blood Pressure. | Highest Blood Pressure. | Parts per 1,000 | Escherichia.    | Pyrexia or Septic.  | Weight of Child or Still-birth. | Remarks |
|----------|-----|---------|-------------------------|------------------------|------------------------|--------------------------------|--------|----------|-----------|------|-----------------|-------------------------|-----------------|-----------------|---|---------------------------------|---------|
|          |     |         |                         |                        |                        | Days.                          | Hours. |          |           |      |                 |                         |                 |                 |   |                                 |         |
| 2628     | 28  | 2       | 37                      | 40                     | Spontaneous            | -                              | -      | -        | -         | -    | 186/134         | 5                       | -               | 8               | Surg. ind. Kidney trouble with first pregnancy.                             |                                 |         |
| 2640     | 42  | 10      | 37                      | 39                     | Spontaneous            | -                              | -      | -        | -         | -    | 164/90          | $\frac{1}{2}$           | -               | $7\frac{1}{2}$  | Med. ind. Surg. ind.  |                                 |         |
| 2645     | 40  | 8       | 37                      | 40                     | Spontaneous            | -                              | -      | -        | -         | -    | 162/90          | $\frac{1}{2}$           | -               | 10              | Surg. ind. Bronchitis.  |                                 |         |
| 2675     | 35  | 7       | 37                      | 39                     | Spontaneous            | -                              | -      | -        | -         | -    | 190/108         | $\frac{1}{2}$           | -               | $6\frac{1}{2}$  | Med. ind. Twins and oliguria.   |                                 |         |
| 2687     | 44  | 2       | 37                      | 37                     | Spontaneous            | -                              | -      | -        | -         | -    | 244/138         | -                       | -               | 5               | Med. ind.   |                                 |         |
| 2736     | 43  | 11      | 40                      | 40                     | Spontaneous            | -                              | -      | -        | -         | -    | 164/104         | -                       | -               | 10              | Med. ind.   |                                 |         |
| 2779     | 33  | 10      | -                       | -                      | Spontaneous            | -                              | -      | -        | -         | -    | 156/106         | Tr.                     | -               | 6               | P.P.H.  |                                 |         |
| 2819     | 26  | 3       | 39                      | 40                     | Spontaneous            | -                              | -      | -        | -         | -    | 154/110         | Tr.                     | -               | $9\frac{1}{4}$  |   |                                 |         |
| 3028     | 31  | 2       | 40                      | 40                     | Forceps                | -                              | -      | -        | -         | -    | 168/98          | -                       | -               | 9 $\frac{1}{2}$ | L.O.P.  |                                 |         |
| 2815     | 24  | 2       | 37                      | 38                     | Spontaneous            | -                              | -      | -        | -         | -    | 168/100         | 5                       | -               | $5\frac{3}{4}$  |   |                                 |         |
| 2949     | 31  | 5       | 35                      | 38                     | Spontaneous            | -                              | -      | -        | -         | -    | 200/110         | 3                       | -               | 7               | Surg. ind. Bougies.   |                                 |         |
| 3018     | 41  | 3       | 30                      | 32                     | Spontaneous            | -                              | -      | -        | -         | -    | 228/140         | 8                       | -               | 3               | Cardiac. Surg. ind. 150/98 on dismissal.                                    |                                 |         |
| 3025     | 37  | 10      | 37                      | 39                     | Spontaneous            | -                              | -      | -        | -         | -    | 195/100         | $\frac{1}{2}$           | -               | $7\frac{1}{2}$  | Surg. ind. Bougies. Oedema with last pregnancy.                             |                                 |         |
| 3037     | 19  | 2       | 15                      | 25                     | Undelivered            | -                              | -      | -        | -         | -    | 170/84          | 2                       | -               | -               | Pyelitis. B.P. 130/86 on dismissal. Kidney trouble with previous pregnancy. |                                 |         |
| 3038     | 38  | 7       | 40                      | 40                     | Spontaneous and manual | -                              | -      | -        | -         | -    | 200/110         | 6                       | -               | 6 $\frac{3}{4}$ | Med. ind. Twins.  |                                 |         |
|          |     |         |                         |                        |                        |                                |        |          |           |      |                 |                         |                 |                 |   | $6\frac{1}{2}$                  |         |

| Reg No. | Age. | Parity. | Mode of Delivery. |    | Symptoms and Duration in Days. |        | Blood Pressure. |     | Height of Cervix or Specis. in lbs. | Remarks |     |
|---------|------|---------|-------------------|----|--------------------------------|--------|-----------------|-----|-------------------------------------|---------|-----|
|         |      |         |                   |    | Mother                         | Child. | Abdomen         | Eye | Headache                            |         |     |
| 3053    | 29   | 4       | 36                | 36 | Cæs. section                   | -      | +               | +++ | -                                   | 236/200 | 6   |
| 3283    | 32   | 5       | 11                | 11 | Hysterotomy                    | -      | 56              | 200 | -                                   | 230/135 | 6   |
| 3100    | 45   | 15      | 32                | 35 | Spontaneous                    | -      | SB              | -   | -                                   | 178/118 | Tr. |
| 3164    | 24   | 4       | 42                | 42 | Spontaneous                    | -      | A               | +   | -                                   | 160/112 | Tr. |
| 3137    | 34   | 8       | 41                | 41 | Spontaneous                    | -      | A               | +   | -                                   | 170/110 | Tr. |
| 3184    | 34   | 8       | 38                | 38 | Spontaneous                    | -      | A               | 90  | +                                   | 154/100 | -   |
| 3185    | 33   | 6       | 40                | 40 | Spontaneous                    | -      | A               | +   | -                                   | 145/90  | -   |
| 3357    | 25   | 3       | 39                | 39 | Spontaneous                    | -      | SB              | 30  | -                                   | 174/134 | Tr. |
| 3371    | 49   | 14      | 39                | 39 | Forceps                        | -      | A               | D   | +                                   | 190/120 | Tr. |
| 3291    | 41   | 9       | 40                | 41 | Spontaneous                    | -      | A               | SB  | 60                                  | 208/110 | 2   |
| 3392    | 37   | 8       | 39                | 41 | Spontaneous                    | -      | A               | 280 | 30                                  | 160/90  | Tr. |
| 3394    | 29   | 5       | 25                | 27 | Miscarriage                    | -      | A               | -   | +                                   | 150/90  | 5   |
| 3402    | 33   | 3       | 40                | 40 | Spontaneous                    | -      | A               | D   | -                                   | 208/120 | -   |
| 3448    | 35   | 4       | 38                | 40 | Spontaneous                    | -      | A               | A   | -                                   | 160/150 | Tr. |
| 3521    | 29   | 4       | 29                | 33 | Undelivered                    | -      | A               | A   | 7                                   | 148/106 | Tr. |
| 3552    | 38   | 7       | 34                | 39 | Spontaneous                    | -      | A               | A   | +                                   | 188/130 | Tr. |
|         |      |         |                   |    |                                |        |                 |     | 150                                 |         |     |

| Reg. No. | Age. | Parity. | Mode of Delivery. | Maturity on Admission. | Maturity at Delivery.* | Delivery at wks | Mother | Child | Symptoms and Duration in Days. |      | Blood Pressure. | Esbach. Parts per 1,000 | Weight of Child or Still-born lbs. | Remarks |  |   |
|----------|------|---------|-------------------|------------------------|------------------------|-----------------|--------|-------|--------------------------------|------|-----------------|-------------------------|------------------------------------|---------|--|---|
|          |      |         |                   |                        |                        |                 |        |       | Headache.                      | Eye. |                 |                         |                                    |         |  |   |
| 3535     | 27   | 2       | 29                | 29                     | Spontaneous            | A               | D      | +     | ++                             | -    | 180/120         | U+                      | -                                  | 3       | Surg. ind. Bougies. 112/80 on dismissal.                             |   |
| 3586     | 26   | 3       | 40                | 40                     | Spontaneous            | A               | SB     | -     | -                              | -    | 132/96          | $\frac{1}{2}$           | -                                  | 6       |  |   |
| 3589     | 38   | 3       | 39                | 39                     | Spontaneous            | A               | D      | +     | ++                             | -    | 160/100         | 2                       | -                                  | 9       | F.F.O.   |   |
| 3633     | 36   | 5       | 39                | 40                     | Spontaneous            | A               | +      | 90    | 28                             | +    | 150/105         | P                       | 8 $\frac{1}{2}$                    |         | P.U.O.   |   |
| 3646     | 23   | 2       | 38                | 39                     | Spontaneous            | A               | A      | +     | 7                              | -    | 178/116         | Tr.                     | -                                  | 7       | B.P. 172/116 on dismissal. Kidney trouble with first pregnancy. C.P. |   |
| 3652     | 36   | 7       | 40                | 40                     | Spontaneous            | A               | A      | +     | 14                             | -    | -               | 172/82                  | Tr.                                | -       | 9  |   |
| 3700     | 39   | 9       | 30                | 33                     | Undelivered            | A               | -      | +     | 90                             | 90   | -               | 170/92                  | Tr.                                | -       | -  | B.P. 160/98 on dismissal.   |
| { 4215   | 27   | -       | 37                | 39                     | Spontaneous            | A               | A      | +     | ++                             | -    | 175/108         | Tr.                     | -                                  | 7       | Breech. Pyelitis.  |   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| { 3760   | 36   | 4       | 34                | 36                     | Undelivered            | A               | -      | -     | -                              | -    | 130/90          | Tr.                     | -                                  | -       | -  | Kidney trouble at eighteen years. Seven months in hospital. Sterilised. |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| { 4066   | 28   | 3       | 36                | 37                     | Undelivered            | A               | -      | -     | -                              | -    | 160/90          | -                       | 3                                  | -       | -  | -   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| { 3795   | 28   | 3       | 13                | 13                     | Hysterotomy            | A               | -      | -     | -                              | -    | 154/100         | 3                       | -                                  | -       | -  | -   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| { 3814   | 40   | 3       | 34                | 36                     | Undelivered            | A               | -      | +     | +                              | -    | 170/90          | 6                       | -                                  | -       | -  | -   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| { 4149   | —    | —       | 38                | 38                     | Spontaneous            | A               | A      | +     | 14                             | -    | 184/120         | 1                       | —                                  | 6       | Did not attend clinic.   |   |
|          |      |         |                   |                        |                        |                 |        |       |                                |      |                 |                         |                                    |         |  |   |
| 3821     | 38   | 4       | 40                | 41                     | Spontaneous            | A               | A      | +     | 42                             | -    | -               | 158/114                 | -                                  | -       | 6 $\frac{1}{2}$  |   |
| 3901     | 35   | 2       | 35                | 37                     | Spontaneous            | A               | A      | +     | 100                            | -    | -               | 196/136                 | 4                                  | -       | 5  | Surg. ind.  |
| 3984     | 25   | 2       | 40                | 40                     | Spontaneous            | A               | D      | -     | 28                             | -    | -               | 158/126                 | 5                                  | -       | 4 $\frac{1}{4}$  |   |
| 4009     | 26   | 4       | 40                | 41                     | Spontaneous            | A               | A      | +     | 21                             | -    | -               | 120/100                 | $\frac{1}{2}$                      | -       | 6 $\frac{3}{4}$  | Surg. ind. Bougies.   |

| Reg. No. | Age. | Parity. | Maternity on Admission. | Maturity at Delivery. | Mode of Delivery.      | Mother | Child. | Symptoms and Duration in Days. |     | Blood Pressure. |           | Weight of Child in lbs. | Remarks       |                 |
|----------|------|---------|-------------------------|-----------------------|------------------------|--------|--------|--------------------------------|-----|-----------------|-----------|-------------------------|---------------|-----------------|
|          |      |         |                         |                       |                        |        |        | Wks                            | wks | Eye.            | Headache. | Abdomen.                |               |                 |
| 4037     | 40   | 8       | 40                      | 40                    | Spontaneous            | A      | A      | +                              | 100 | -               | ++        | 202/112                 | +             | 6 $\frac{1}{4}$ |
| 4017     | 38   | 7       | 39                      | 39                    | Manual                 | -      | SB     | -                              | -   | -               | -         | 192/130                 | Tr.           | 6               |
| 4184     | 32   | 6       | 37                      | 37                    | Spontaneous            | A      | A      | +                              | 7   | -               | -         | 160/90                  | -             | 7               |
| 4189     | 41   | 5       | 40                      | 40                    | Spontaneous            | D      | A      | -                              | -   | -               | -         | 146/90                  | +             | ?               |
| 4223     | 34   | 3       | 37                      | 37                    | Spontaneous            | A      | A      | +++                            | -   | -               | -         | 150/100                 | +             | 5 $\frac{1}{4}$ |
| 4232     | 28   | 5       | 12                      | 15                    | Undelivered            | A      | A      | -                              | +   | +               | -         | 192/130                 | -             | -               |
| 4251     | 36   | 2       | 30                      | 32                    | Spontaneous            | A      | D      | +                              | -   | -               | -         | 234/150                 | $\frac{1}{2}$ | 3               |
| 4279     | 40   | 11      | 40                      | 40                    | Spontaneous            | A      | A      | +++                            | 21  | +               | +         | 146/90                  | Tr.           | 6 $\frac{1}{2}$ |
| 4292     | 43   | 3       | 33                      | 35                    | Spontaneous and manual | A      | A      | ++                             | 40  | 40              | -         | 210/120                 | 1             | 6 $\frac{3}{4}$ |
| 4329     | 33   | 6       | 40                      | 40                    | Manual breech          | D      | SB     | -                              | -   | -               | -         | 148/106                 | -             | 7 and 6         |
| 4461     | 33   | 7       | 26                      | 26                    | Undelivered            | A      | -      | -                              | -   | -               | -         | 160/100                 | +             | 8               |

B.P. 156/100 on ninth day of puerperium.  
B.P. 180/118 on dismissal.

Cerebral thrombosis and haemorrhage. 19 fits. (See under Deaths.)

Surg. ind. Med. ind. Chronic nephritis.

B.P. 150/95 on dismissal. Acute nephritis three years ago.

Twins.

Irreg. dism. after two days.

Late vomiting. Hydramnios. (See under Deaths.)

## 2.—ECLAMPSIA.

There were 67 cases in this group, 55 of which were primiparae and 12 multiparae. Twins were noted in 1 case. There were 8 maternal deaths, four resulting from toxæmia, one from pontine haemorrhage, and three probably from cerebral hemorrhage. Sepsis was noted in 4 cases and puerperal pyrexia in 16 cases. Of the 39 infants born alive, 11 died, and in addition there were 27 still-births. It is noted that there were no maternal deaths in the cases in Category A.

*A.—Cases under Ante-natal Supervision at Hospital Clinic.*

| Reg.<br>No. | Age. | Parity. | Maternity on<br>Admission.<br>wks | Maternity at<br>Delivery.<br>wks | Mode of Delivery. | Mother | Child. | Symptoms and<br>Duration in Days. |           | Blood Pressure.<br>Hg.<br>Esbach. | Pyrexia or<br>Sepsis.<br>Parts<br>per<br>1,000 | Weight of<br>Child.<br>lbs. | Type.*  | No. of fits. | Remarks. |    |   |   |  |
|-------------|------|---------|-----------------------------------|----------------------------------|-------------------|--------|--------|-----------------------------------|-----------|-----------------------------------|--|-----------------------------|---------|--------------|----------|----|---|---|--|
|             |      |         |                                   |                                  |                   |        |        | Eye.                              | Headache. |                                   |  |                             |         |              |          |    |   |   |  |
| 191         | 25   | 2       | 34                                | 34                               | Spontaneous       | -      | A      | SB                                | +         | 7                                 | -  | -                           | 150/100 | 5            | -        | 5  | I | 8 | At clinic six days previously. B.P. 144/96. Haze of albumen. |
| 271         | 18   | 1       | 39                                | 39                               | Forceps           | -      | A      | A                                 | -         | -                                 | -  | -                           | 158/108 | 3            | S        | 8  | I | 2 | Mild eclampsia.  |
| 668         | 24   | 1       | 30                                | 31                               | Spontaneous       | -      | A      | SB                                | +         | +                                 | -  | -                           | 180/120 | U+           | -        | 24 | A | 7 | Uterine sepsis.  |
| 711         | 33   | 4       | —                                 | 40                               | Spontaneous       | -      | A      | A                                 | -         | 56                                | -  | -                           | 160/90  | -            | -        | -  | P | 2 | Temporary blindness after delivery.                          |
| 1256        | 26   | 1       | 38                                | 38                               | Forceps           | -      | A      | A                                 | +++       | ++                                | ?  | -                           | 180/110 | U+           | -        | 5½ | I | 3 | B.P. 158/100. Haze albumen four days previously at clinic.   |
| 1656        | 33   | 3       | 33                                | 34                               | Spontaneous       | -      | A      | SB                                | -         | ?                                 | ?  | ?                           | 174/50  | 3            | -        | 3  | A | 6 | Surg. induction. Con- cealed accidental haemorrhage.         |
| 2365        | 34   | 1       | 38                                | 40                               | Forceps           | -      | A      | A                                 | +++       | 1                                 | ?  | ?                           | 166/110 | 7            | P        | 7  | I | 7 | Lung abscess. Transfer to general hospital. Dismissed well.  |

\* A = Ante-partum.

I = Intra-partum.

P = Post-partum.

| Reg. No. | Age. | Parity. | Maturity of Admittition. | Maturity at Delivery. | Mode of Delivery. |                     | Symptoms and Duration in Days. |      | Blood Pressure. |                 | Type.*  | No. of Fits.     | Remarks.           |                    |                                |  |
|----------|------|---------|--------------------------|-----------------------|-------------------|---------------------|--------------------------------|------|-----------------|-----------------|---------|------------------|--------------------|--------------------|--------------------------------|--|
|          |      |         |                          |                       | Alive or Died.    | Still-born or Died. | Headache.                      | Eye. | Abdomen.        | Parts per 1,000 | Exsicc. | Weight of Child. | Pyrexia or Septic. | Pyrexia or Septic. |                                |  |
| 2369     | 27   | 1       | 42                       | 42                    | Forceps           | -                   | A                              | SB   | ++              | 220/154         | 12      | -                | 7                  | I                  | 9                              | Lumbar puncture.<br>Backache for 1 week.<br>Fit occurred as head<br>was crowned. |
| 3141     | 23   | 2       | 40                       | 41                    | Spontaneous       | -                   | A                              | A    | +               | 156/90          | +       | -                | 8                  | I                  | 1                              | Breech Ext. acc.<br>hæm. Ext. version.<br>Spinal anaesthesia.                    |
| { 3569   | 23   | 1       | 33                       | 34                    | Undelivered       | -                   | A                              | -    | -               | 124/78          | -       | -                | -                  | -                  | -                              |  |
|          |      |         |                          |                       | Forceps           | -                   | A                              | A    | +++             | -               | -       | 6                | I                  | 10                 | Surg. induction by<br>bougies. |  |
| 4173     | —    | —       | 40                       | 40                    | Spontaneous       | -                   | A                              | SB   | ++              | 174/110         | 2       | -                | 3 $\frac{3}{4}$    | A                  | 8                              |  |
| 4348     | 22   | 1       | 35                       | 36                    |                   |                     | A                              | SB   | ++              | 170/100         | U+      | -                |                    |                    |                                |  |

B.—*Others.*

|     |    |   |    |    |             |   |   |    |    |         |    |   |                 |   |    |  |
|-----|----|---|----|----|-------------|---|---|----|----|---------|----|---|-----------------|---|----|--|
| 92  | 28 | 1 | 41 | 41 | Forceps     | - | A | SB | ++ | 174/108 | U  | - | 5 $\frac{1}{2}$ | A | 8  | Some oliguria.   |
| 153 | 20 | 1 | 36 | 36 | Spontaneous | - | A | A  | -  | 158/100 | 5  | P | ?               | I | 8  | Tonsillitis. B.B.O.  |
| 214 | 33 | 2 | 36 | 39 | Spontaneous | - | A | D  | +  | 185/130 | U+ | - | 6               | A | 4  | B.P. 170/115 on dis-<br>missal. Eclampsia<br>with first confine-<br>ment. Some oliguria. |
| 469 | 19 | 1 | 40 | 40 | Forceps     | - | A | SB | ++ | 172/118 | 1  | - | 7 $\frac{1}{4}$ | I | 6  | Transient puerperal<br>insanity. Some oliguria.  |
| 493 | 20 | 1 | 40 | 40 | Forceps     | - | A | SB | ++ | 143/100 | U+ | P | 8 $\frac{3}{4}$ | I | 26 | Reactionary pyrexia.   |
| 541 | 17 | 1 | 29 | 30 | Spontaneous | - | A | SB | ++ | 162/112 | 10 | - | 2 $\frac{1}{2}$ | A | 4  | Some oliguria.<br>Surg. ind. Concealed<br>acc. haemorrhage.                              |

| Reg. No. | Age. | Parity. | Maturity of Maternity at Delivery. wks | Mode of Delivery. | Mother         |                            | Child. |           | Symptoms and Duration in Days. |      | Blood Pressure. |          | Type.* | No. of Fits. | Remarks. |  |   |
|----------|------|---------|--|-------------------|----------------|----------------------------|--------|-----------|--------------------------------|------|-----------------|----------|--------|--------------|----------|--|---|
|          |      |         |  |                   | Alive or Died. | Alive, Still-born or Died. | Eye.   | Headache. | Abdomen.                       | Eye. | Headache.       | Abdomen. |        |              |          |  |   |
| 659      | 36   | 4       | —                                      | 40                | Spontaneous    | —                          | A      | A         | +++<br>21                      | —    | 140/72          | 2        | —      | P            | 1        | B.B.O. "Kidney trouble" with first pregnancy.                      |   |
| 747      | 26   | 1       | ?                                      | ?                 | Spontaneous    | —                          | A      | SB        | +++<br>28                      | —    | 200/150         | 10       | —      | —            | 4        | B.B.O. Transient puerperal insanity. Some oliguria.                |   |
| 793      | 20   | 1       | —                                      | 42                | Forceps        | —                          | A      | A         | —                              | —    | 162/110         | 1        | P      | 7 1/4        | 16       | B.B.O. Retained placenta. Manual removal of placenta. Tonsillitis. |   |
| 822      | 17   | 1       | 40                                     | 40                | Spontaneous    | —                          | A      | A         | ++<br>28                       | —    | 160/100         | 2        | —      | 6 1/4        | 4        | Offensive lochia.  |   |
| 846      | 23   | 1       | —                                      | —                 | Spontaneous    | —                          | A      | A         | ++<br>28                       | —    | 170/118         | U+       | P      | —            | 9        | B.B.O. Reactionary pyrexia.  |   |
| 904      | 28   | 1       | 36                                     | 37                | Forceps        | —                          | A      | D         | ++<br>7                        | —    | 215/128         | 5        | P      | 5            | 1        | Reactionary pyrexia. Cerebral haemorrhage. Surg. induction.        |   |
| 983      | 20   | 1       | 38                                     | 38                | Forceps        | —                          | A      | SB        | ++<br>14                       | —    | 185/120         | 10       | —      | 6 1/4        | 1        | 6  |   |
| 1122     | 22   | 1       | 39                                     | 39                | Spontaneous    | —                          | A      | SB        | ++<br>14                       | —    | 228/150         | U+       | —      | 6 1/2        | 2        | ?  |   |
| 1207     | 27   | 1       | ?                                      | ?                 | Forceps        | —                          | D      | SB        | ++<br>84                       | —    | 210/150         | ++       | —      | 4 3/4        | 7+       | Cerebral haemorrhage. (See under Deaths.)                          |   |
| 1255     | 24   | 1       | ?                                      | ?                 | Undelivered    | —                          | D      | —         | ?                              | ?    | ?               | 210/150  | ++     | —            | —        | 3  | Died 2 1/2 hours after admission. (See under Deaths.) |
| 1309     | 24   | 1       | 36                                     | 36                | Forceps        | —                          | A      | SB        | —                              | —    | 144/96          | 4        | P      | 4            | 24       | Reactionary pyrexia.   |   |

| Reg. No. | Age. | Parity. | Maturity of Adm ission, weeks | Mode of Delivery. | Mother        | Child. | Symptoms and Duration in Days. |                            | No. of Fits. | Remarks. |                                      |
|----------|------|---------|-------------------------------|-------------------|---------------|--------|--------------------------------|----------------------------|--------------|----------|--------------------------------------|
|          |      |         |                               |                   |               |        | Alive or Died.                 | Alive, Still-born or Died. | Eye.         | Abdomen. |                                      |
| 1336     | 28   | 1       | 40                            | 40                | Forceps -     | -      | + 28                           | + 1                        | 185/130      | 6        | P 2                                  |
| 1504     | 24   | 1       | -                             | 39                | Spontaneous - | -      | -                              | -                          | 145/80       | 12       | P 2                                  |
| 1617     | 30   | 1       | 35                            | 36                | Forceps -     | -      | -                              | -                          | 210/105      | -        | B.B.O. Slight ext. acc. haemorrhage. |
| 1664     | 20   | 1       | 33                            | 34                | Spontaneous - | -      | -                              | -                          | 140/100      | 1½       | Med. ind. Surg. ind.                 |
| 1702     | 27   | 1       | 36                            | 36                | Forceps -     | -      | -                              | -                          | 210/130      | 10       | Lumbar puncture.                     |
| 1742     | 25   | 1       | 24                            | 27                | Hysterotomy - | A      | -                              | + 7                        | -            | 5        | P 4                                  |
| 1814     | 29   | 1       | 40                            | 40                | Forceps -     | -      | -                              | -                          | 220/150      | -        | S 7½                                 |
| 1860     | 23   | 1       | 39                            | 40                | Manual -      | -      | -                              | -                          | -            | -        | A 20                                 |
| 1917     | 44   | 8       | 40                            | 40                | Spontaneous - | A      | + 21                           | -                          | -            | -        | I 3                                  |
| 1936     | 24   | 1       | 30                            | 30                | Forceps -     | -      | + 180                          | + 1                        | -            | -        | A 10                                 |
| 2042     | 26   | 1       | 42                            | 42                | Forceps -     | -      | -                              | -                          | -            | -        | I 4                                  |
| 2223     | 20   | 1       | 41                            | 41                | Spontaneous - | A      | + 14                           | -                          | 190/125      | 2        | Uterine sepsis. C.P.                 |
| 2230     | 19   | 1       | 39                            | 42                | Forceps -     | D      | -                              | -                          | 145/105      | -        | A 6                                  |
|          |      |         |                               |                   |               |        |                                |                            | 168/85       | +        | A 19                                 |
|          |      |         |                               |                   |               |        |                                |                            | 230/140      | 12       | P 7½                                 |
|          |      |         |                               |                   |               |        |                                |                            | 168/118      | 12       | S 7¾                                 |
|          |      |         |                               |                   |               |        |                                |                            | -            | -        | A 19                                 |
|          |      |         |                               |                   |               |        |                                |                            | -            | -        | P 7½                                 |
|          |      |         |                               |                   |               |        |                                |                            | -            | -        | S 7¾                                 |
|          |      |         |                               |                   |               |        |                                |                            | -            | -        | A 19                                 |

Transient puerperal insanity. Spinal anaesthesia. Surg. induction failed. Local anaesthesia. Pyrexia due to pyelitis. No fits after admission Uterine sepsis. Breech Partial suppression of urine. Died on twelfth day of puerperium. (See under Deaths.)

Some oliguria. (See under Deaths.)

| Reg. No. | Age. | Parity. | Mode of Delivery. | Child.      |              | Symptoms and Duration in Days. |      | Blood Pressure. | Highest Esophageal Pressure Esophageal Parts per 1,000 | Weight of Child. lbs. | Type.*          | No. of Fts.     | Remarks.                        |  |                      |
|----------|------|---------|-------------------|-------------|--------------|--------------------------------|------|-----------------|--|-----------------------|-----------------|-----------------|---------------------------------|--|----------------------|
|          |      |         |                   | Mother      | Child        | Headache.                      | Eye. |                 |  |                       |                 |                 |                                 |  |                      |
| 2264     | 25   | 4       | —                 | Spontaneous | -            | —                              | —    | 190/122         | 2  | —                     | ?               | P               | 1                               | B.B.O.   |                      |
| 2354     | 34   | 1       | 39                | Foreeps     | -            | SB                             | +++  | 220/114         | U+   | —                     | 7               | P               | 1                               | ?Pontine haemorrhage.<br>(See under Deaths.)                                 |                      |
| 2561     | 16   | 1       | 40                | Spontaneous | -            | A                              | D    | 164/108         | 12   | —                     | 5 $\frac{3}{4}$ | A               | 3                               | C.P. Observation.  |                      |
| 2567     | 21   | 1       | 39                | —           | —            | 90                             | 90   | 125/82          | —  | —                     | 7 $\frac{3}{4}$ | I               | —                               | Reactionary pyrexia.   |                      |
| {2810    | —    | 41      | 41                | Foreeps     | -            | A                              | —    | 136/100         | 1  | —                     | P               | —               | —                               |  |                      |
|          |      |         |                   | Spontaneous | -            | SB                             | +    | —               | —  | —                     | —               | P               | 2                               | B.B.O.   |                      |
| 2681     | 27   | 1       | —                 | 40          | Cæs. section | A                              | 64   | —               | 180/120  | 3                     | —               | A               | 5                               | Oliguria. Died 21 hours after operation (See under Deaths.)                  |                      |
| 2822     | 33   | 1       | 28                | 28          | Spontaneous  | D                              | A    | 210/136         | 12   | —                     | —               | —               | —                               | Surg. induction by bougies. B.P. 180/110 on eighth day of puerperium.        |                      |
| 2686     | 38   | 6       | 30                | 31          | Spontaneous  | A                              | D    | 194/116         | U+   | —                     | —               | 2               | A                               | 6  |                      |
| 2909     | 19   | 1       | 37                | 37          | Spontaneous  | A                              | D    | 190/110         | 11   | —                     | —               | —               | —                               | Surg. induction.   |                      |
| 2966     | 23   | 1       | 40                | 40          | Spontaneous  | A                              | SB   | +++             | —  | —                     | 14              | P               | 5 $\frac{1}{4}$                 | I  |                      |
| 3024     | 30   | 1       | 40                | 40          | Forceps      | -                              | A    | A               | 210/120  | +                     | —               | —               | 5 $\frac{1}{4}$                 | 17   | Reaetionary pyrexia. |
| 3052     | 25   | 1       | —                 | 32          | Forceps      | -                              | A    | 28              | —  | —                     | —               | —               | 8 $\frac{1}{4}$                 | C.P.   |                      |
| 3105     | 22   | 1       | 32                | 33          | Spontaneous  | A                              | D    | 218/166         | 3  | —                     | —               | —               | —                               | Cardiae. B.P. 190/110 on dismissal.  |                      |
| 3337     | 27   | 1       | 30                | 30          | Spontaneous  | A                              | SB   | 210/135         | 12   | —                     | —               | 4 $\frac{3}{4}$ | 6                               |  |                      |
| 3407     | 17   | 1       | 40                | 40          | Forceps      | -                              | A    | 164/78          | U  | —                     | —               | 3 $\frac{1}{2}$ | B.B.O. Conealment of pregnancy. |  |                      |
|          |      |         |                   |             | Forceps      | -                              | D    | 150/90          | 12   | —                     | —               | 5 $\frac{3}{4}$ | 12                              |  |                      |
|          |      |         |                   |             | Forceps      | -                              | A    | 21              | —  | —                     | —               | 6 $\frac{3}{4}$ | Bougies.                        |  |                      |
|          |      |         |                   |             |              | D                              | A    | 28              | —  | —                     | —               | —               | 3                               |  |                      |
|          |      |         |                   |             |              |                                |      |                 |  | —                     | —               | —               | 16                              | Manual removal of plaenta. C. P. ? Cerebral haemorrhage. (See under Deaths.) |                      |

| Reg. No. | Age. | Parity. | Maternity Admision on Delivery at weeks | Mode of Delivery. | Mother         |            | Child.         |            | Symptoms and Duration in Days. |      | Blood Pressure. |         | Type *          | No. of Fits. | Remarks.           |                       |    |   |
|----------|------|---------|---|-------------------|----------------|------------|----------------|------------|--------------------------------|------|-----------------|---------|-----------------|--------------|--------------------|-----------------------|----|---|
|          |      |         |   |                   | Alive or Died. | Still-born | Alive or Died. | Still-born | Headache.                      | Eye. | Abdomen.        | Eye.    | Parts per 1,000 | Esoph.       | Pyrexia or Sepsis. | Weight of Child. lbs. |    |   |
| 3434     | 31   | 2       | 38                                      | 38                | Spontaneous    | -          | A              | A and A    | +++ 70                         | +    | -               | 186/160 | U+              | -            | 5½ and 6½          | I                     | 1  | Twins.  |
| 3437     | 25   | 1       | 40                                      | 40                | Forceps        | -          | A              | A          | ++ 56                          | -    | +               | 180/140 | U+              | P            | 7½                 | I                     | 6  | Reactionary pyrexia.  |
| 3452     | 27   | 1       | 40                                      | 40                | Manual         | -          | A              | SB         | ++ 14                          | -    | -               | 180/120 | 12              | -            | 8½                 | I                     | 11 | Funnel pelvis. Breech. Some oliguria.                                     |
| 3495     | 30   | 1       | 36                                      | 37                | Spontaneous    | -          | A              | SB         | -                              | +    | ++ 1            | 220/130 | 4               | P            | 5                  | A                     | 2  | Surg. induction by bougies. Reactionary pyrexia.                          |
| 3503     | 19   | 1       | —                                       | —                 | Forceps        | -          | A              | A          | ++ 21                          | ?    | ?               | 124/90  | U+              | P            | —                  | I                     | 3  | Reactionary pyrexia. B.B.O.   |
| 3703     | 29   | 1       | 36                                      | 36                | Spontaneous    | -          | A              | SB         | ++ 14                          | -    | -               | 106/74  | 6               | -            | 5                  | A                     | 1  | Some oliguria.  |
| 3813     | 42   | 9       | 35                                      | 35                | Spontaneous    | -          | A              | SB         | ++ 7                           | -    | -               | 170/120 | U+              | -            | 4½                 | A                     | 5  | Breech. Surg. ind. by bougies.  |
| 3882     | 24   | 1       | 39                                      | 39                | Spontaneous    | -          | A              | A          | ++ 28                          | -    | -               | 172/110 | 1               | -            | 7½                 | I                     | 15 |   |
| 3922     | 38   | 6       | 43                                      | 43                | Spontaneous    | -          | A              | D          | +++ 14                         | -    | -               | 210/140 | U               | -            | 7                  | P                     | 3  | Reactionary pyrexia. Surg. induction.                                     |
| 4253     | 28   | 1       | —                                       | 40                | Spontaneous    | -          | D              | A          | +++ 14                         | ?    | ?               | 144/100 | +               | -            | ?                  | —                     | 10 | Fits occurred two days after delivery. Died twelve hours after admission. |
| 4310     | 39   | 1       | 35                                      | 35                | Spontaneous    | -          | A              | SB         | ++ 21                          | +    | +               | 196/120 | S               | -            | 2½                 | I                     | 1  | W.R. +. B.P. 170/120 on dismissal.  |
| 4387     | 20   | 1       | 30                                      | 31                | Spontaneous    | -          | A              | D          | ++ 1                           | -    | -               | 170/100 | U+              | -            | 5                  | A                     | 5  | Surg. induction. Some oliguria.   |

## 3.—HYPEREMESIS GRAVIDARUM.

There were 85 cases of hyperemesis gravidarum admitted during the year, of which 30 were primiparæ and 55 were multiparæ. Three cases were under ante-natal supervision before admission ; 32 cases were mild, 30 moderately severe, and 23 were severe.

In the mild group all were dismissed well. With the exception of one irregular dismissal 3 were readmitted with slight sickness and 1 miscarried.

In the group of cases of moderate severity all cases were dismissed well except one irregular dismissal. Abdominal hysterotomy and sterilisation was performed in one case on account of previous kidney trouble. One case was later readmitted and required hysterotomy on account of severity of symptoms.

In the severe group surgical induction was performed 19 times, in 3 cases by hysterotomy and in 16 by dilatation and curettage.

There were three maternal deaths in the Hospital and two after transfer to other hospitals. Of the deaths in the Hospital two died within five days of surgical induction by dilatation and curettage, and the third died twenty-seven days after dilatation (Nos. 387, 1519 and 2611. *See under Deaths.*). Of the two cases transferred, one developed an ascending myelitis after surgical induction by dilatation, and died two days after transfer from pulmonary embolism. The other case died of sepsis following abdominal hysterotomy. The death rate was thus 5.9 per cent.

## 4.—LATE VOMITING.

Ten cases of late vomiting were admitted during the year, of which 6 were primigravidæ. Three of the cases were mild, 4 moderately severe, and 3 severe. There was one maternal death from acidosis (No. 4329. *See under Deaths.*). In the severe cases labour was induced surgically twice and in one case (twenty-four weeks pregnant) abdominal hysterotomy was performed. In the other cases medical induction was employed on two occasions.

Seven cases were delivered, of which two, both severe cases, had still-births.

## 5.—PYELITIS AND PYELONEPHRITIS.

There were 109 cases of pyelitis and 11 cases of pyelonephritis. Thirty-four of the cases of pyelitis and 5 of the cases of pyelonephritis had been under ante-natal supervision at the hospital clinic.

Of the pyelitis cases 47 were primigravidæ and of this number 12 were of the acute variety. Twenty-one primigravidæ were delivered and 26 were dismissed undelivered. Of the 62 cases of pyelitis in multiparæ 14 were acute and 48 were ambulatory in type. In this group 24 were delivered and 38 were dismissed undelivered. Labour was induced surgically in 5 cases. There were no maternal deaths among the cases of pyelitis.

Of the cases of pyelonephritis 3 were primigravidæ and 8 multiparæ. Six cases of pyelonephritis died. The cause of death was pyelonephritis in 3 cases, ulcerative endocarditis in 1 case, lobar pneumonia in 1 case, and puerperal sepsis following cæsarean section in 1 case.

## “ FAILED FORCEPS ” CASES.

During the year 53 cases were admitted after failure to deliver with forceps. Of this total 27 or 50.9 per cent. were primigravidæ and 26 or 49.1 per cent. were multiparæ. Two of the mothers died a mortality rate of 3.8 per cent. One case died from obstetric shock  $1\frac{1}{2}$  hours after delivery by forceps, in hospital and one from primary lobar pneumonia on the seventh day of the puerperium. Sepsis was noted in 3 cases and pyrexia in 3 cases. No cases were transferred to other hospitals.

Of the infants, 24 or 44.4 per cent. were born alive and 30 or 55.6 per cent. were still-born. In the cases with still-births 2 of the infants showed hydrocephalus, in four other cases craniotomy was performed as the child was already dead, and the pregnancy in 3 cases was complicated by toxæmia. Four infants died in hospital.

In 29 or 54.7 per cent. of the total cases the os was not fully dilated when the patient was admitted. An occipito-posterior position of the vertex was noted in 17 or 32.1 per cent. cases and contracted pelvis in 16 or 30.2 per cent. In two cases forceps had been applied to the presenting breech. In one case subtotal hysterectomy was performed on account of rupture of the uterus.

The following table gives details of the mode of delivery and the individual results.

| Reg. No.   | Age.     | Parity. | Maturity.<br>wks. | Duration of<br>Labour.<br>hrs. | Weight of<br>Child.<br>lbs. | Mode<br>of<br>Delivery.                               | Result. |        | Dilatation<br>of Os     | Diagonal<br>Conjugate. | Occipito-<br>posterior. | Pyrexia or<br>Sepsis | Remarks                              |
|------------|----------|---------|-------------------|--------------------------------|-----------------------------|---|---------|--------|-------------------------|------------------------|-------------------------|----------------------|--------------------------------------|
|            |          |         |                   |                                |                             |   | M.      | Ch.    |                         |                        |                         |                      |                                      |
| 1<br>143   | 28<br>27 | 2<br>1  | 40<br>40          | 14<br>48                       | 8 $\frac{3}{4}$<br>?        | High forceps<br>Forceps -                             | A<br>A  | A<br>A | $\frac{3}{4}$ +<br>Full | 4 +<br>-               | -<br>+                  | -<br>-               | Spontaneous long rotation.           |
| 208        | 25       | 2       | 38                | 56                             | 6                           | Spontaneous   | A       | A      | Full                    | -                      | -                       | -                    | Collapsed under anaesthetic outside. |
| 292<br>379 | 27       | 1       | 39                | 39                             | -                           | Spontaneous   | A       | -      | Full                    | -                      | -                       | -                    | Breech. Ext. version.                |
|            | -        | -       | 40                | 11                             | 7 $\frac{3}{4}$             |   | A       | SB     |                         |                        |                         |                      | Cause of failure doubtful.           |
| 338<br>498 | 31       | 2       | ?                 | 35                             | 7 $\frac{3}{4}$             | Spontaneous<br>Perforation -                          | A       | SB     | Full                    | -                      | -                       | -                    | Long rotation.                       |
|            | 30       | 3       | 42                | 19                             | 8 $\frac{1}{2}$             |   | A       | SB     | $\frac{3}{4}$ +         | -                      | -                       | -                    | Hydrocephalus.                       |
| 534        | 36       | 4       | 40                | 20                             | 8 $\frac{1}{4}$             | Manual rotation                                       | A       | SB     | $\frac{1}{2}$           | -                      | +                       | -                    |                                      |
| 720        | 36       | 6       | 40                | 37                             | 8                           | Forceps<br>Perforation -<br>High forceps,<br>crotchet | A       | SB     | $\frac{3}{4}$ +         | -                      | -                       | -                    | Spinal anæs. No foetal heart heard.  |

| Reg. No. | Age. | Parity. | Maturity.<br>wks. | Duration of<br>Labour.<br>hrs. | Weight of<br>Child.<br>lbs. | Mode<br>of<br>Delivery. | Result. |     | Dilatation<br>of Os | Diagonal<br>Conjugate | Occipito-<br>posterior | Pyrexia or<br>Sepsis | Remarks                                    |
|----------|------|---------|-------------------|--------------------------------|-----------------------------|-------------------------|---------|-----|---------------------|-----------------------|------------------------|----------------------|--|
|          |      |         |                   |                                |                             |                         | M.      | Ch. |                     |                       |                        |                      |  |
| 763      | 19   | 1       | 40                | 36                             | —                           | High forceps            | A       | A   | $\frac{1}{2}$       | —                     | —                      | —                    |  |
| 1068     | 35   | 1       | 40                | 33                             | 8                           | Forceps                 | A       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | Too early application of forceps outside.  |
| 1169     | 39   | 6       | 40                | 18                             | 7                           | Forceps                 | A       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | Too early application of forceps outside.  |
| 1189     | 20   | 1       | 40                | 20                             | 7                           | Forceps                 | A       | A   | Full                | —                     | —                      | —                    | Retraction ring.                           |
| 1285     | 31   | 3       | 40                | 28                             | $10\frac{1}{4}$             | Manual rotation         | A       | A   | Full                | —                     | —                      | P                    | Mastitis.                                  |
| 1478     | 25   | 1       | 40                | 27                             | $7\frac{1}{2}$              | Forceps                 | A       | A   | $\frac{3}{4}$       | —                     | —                      | —                    | Spontaneous                                |
| 1515     | 34   | 2       | 40                | 12                             | $7\frac{1}{2}$              | High forceps            | A       | A   | Full                | $4\frac{1}{2}$        | —                      | —                    | Fibroids.                                  |
| 1533     | 24   | 1       | 39                | 27                             | 8                           | Manual rotation         | D       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | High forceps                               |
| 1636     | 31   | 1       | 41                | 12                             | $7\frac{3}{4}$              | Manual rotation         | A       | SB  | Full                | —                     | —                      | P                    | Forceps                                    |
| 1684     | 35   | 1       | 40                | 18                             | $8\frac{1}{4}$              | Forceps                 | A       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | Forceps                                    |
| 1676     | 38   | 6       | 40                | 11                             | 9                           | High forceps            | A       | SB  | Full                | 4                     | —                      | —                    | Rupture of uterus. Sub-total hysterectomy. |
| 1688     | 24   | 1       | 41                | 44                             | 8                           | Manual rotation         | A       | A   | $\frac{1}{2}$       | —                     | —                      | —                    | Forceps                                    |
| 1785     | 36   | 7       | 40                | 19                             | $8\frac{1}{2}$              | Forceps                 | A       | A   | Full                | —                     | —                      | —                    | Spontaneous                                |
| 1813     | 24   | 1       | 40                | 60                             | $9\frac{1}{2}$              | Manual rotation         | A       | SB  | Full                | $4\frac{1}{2}$        | —                      | —                    | Forceps                                    |
| 1935     | 35   | 4       | 43                | 12                             | $11\frac{1}{4}$             | Forceps                 | A       | D   | Full                | —                     | —                      | —                    | High forceps                               |
| 1963     | 33   | 3       | 40                | 19                             | 9                           | Forceps                 | A       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | Forceps                                    |
| 2129     | 23   | 1       | 40                | 28                             | $7\frac{1}{4}$              | Forceps                 | A       | SB  | Full                | —                     | —                      | —                    | Forceps                                    |
| 2171     | 29   | 1       | 41                | 9                              | 7                           | High forceps            | A       | SB  | $\frac{3}{4} +$     | —                     | —                      | —                    | Disproportion.                             |
| 2288     | 28   | 1       | 39                | 37                             | $8\frac{1}{4}$              | Forceps                 | A       | SB  | $\frac{3}{4}$       | *                     | —                      | —                    | Contracted outlet.                         |
| 2470     | 21   | 1       | 40                | 31                             | ?                           | High forceps            | A       | A   | $\frac{3}{4} +$     | $4\frac{1}{2}$        | —                      | —                    | Too early application of forceps outside.  |

| Reg. No. | Age. | Parity. | Maturity.<br>wks. | Duration of<br>hrs. | Weight of<br>Child.<br>lbs. | Mode<br>of<br>Delivery.                  | Result. |     | Dilatation<br>of Os | Diagonal<br>Conjugate | Occipito-<br>posterior | Pyrexia or<br>Sepsis | Remarks   |   |
|----------|------|---------|-------------------|---------------------|-----------------------------|--|---------|-----|---------------------|-----------------------|------------------------|----------------------|---|---|
|          |      |         |                   |                     |                             |  | M.      | Ch. |                     |                       |                        |                      |   |   |
| 2499     | 35   | 1       | 43                | 30                  | 8 $\frac{3}{4}$             | Manual rotation<br>Forceps<br>Craniotomy | A       | A   | Full                | 4 $\frac{1}{2}$       | +                      | —                    | B.P. 170/95.  |   |
| 2614     | 36   | 2       | 40                | 21                  | 8                           |  | A       | SB  | $\frac{3}{4}$       | 4 $\frac{1}{8}$       | —                      | —                    | Albuminuria. No foetal heart heard.                         |   |
| 2650     | 39   | 7       | 40                | 72                  | 7 $\frac{1}{2}$             | Spontaneous                              | A       | A   | $\frac{3}{4}$       | —                     | —                      | —                    | Previously six full-time spont. deliveries.                 |   |
| 2987     | 28   | 1       | 40                | 29                  | 7                           | Forceps                                  | -       | A   | $\frac{3}{4}$ +     | —                     | —                      | —                    | Too early application of forceps outside.                   |   |
| 3020     | 36   | 2       | 40                | 57                  | 9 $\frac{1}{2}$             | High forceps                             | A       | A   | $\frac{3}{4}$       | 3 $\frac{3}{4}$ —     | —                      | —                    | Cervical tear.  |   |
| 3213     | 26   | 1       | 38                | 21                  | 6                           | Forceps                                  | -       | A   | SB                  | $\frac{3}{4}$ +       | —                      | —                    | Too early application of forceps outside.                   |   |
| 3244     | 30   | 1       | 41                | 49                  | 8 $\frac{3}{4}$             | Craniotomy                               | A       | SB  | Full                | —                     | —                      | —                    | No foetal heart heard.                                      |   |
| 3371     | 49   | 14      | 39                | 41                  | 8                           | High forceps                             | A       | D   | $\frac{1}{2}$       | 4                     | —                      | —                    | B.P. 190 / 120. Spinal anæs.                                |   |
| 3387     | 43   | 1       | 40                | 50                  | 7 $\frac{1}{2}$             | Forceps                                  | -       | D   | A                   | $\frac{3}{4}$ +       | —                      | —                    | S   | Died on 7th day from primary lobar pneumonia. (See under deaths.)         |
| 3413     | 25   | 1       | 39                | 25                  | 7 $\frac{1}{4}$             | Manual rotation<br>Forceps               | A       | A   | Full                | —                     | +                      | —                    | —   |   |
| 3528     | 20   | 1       | ?                 | 39                  | 6 $\frac{1}{2}$             | Manual rotation<br>High forceps          | A       | SB  | Full                | 4                     | +                      | —                    | —   |   |
| 3589     | 38   | 3       | 39                | 21                  | 9                           | Spontaneous                              | A       | SB  | Full                | —                     | —                      | —                    | B.P. 160/100.   |   |
| 3591     | 37   | 4       | 40                | 22                  | 10                          | Spontaneous                              | A       | D   | $\frac{3}{4}$ +     | —                     | —                      | S                    | Offensive lochia. Too early application of forceps outside. |   |
| 3601     | 33   | 1       | 40                | 59                  | 7 $\frac{1}{2}$             | Forceps                                  | -       | A   | SB                  | $\frac{1}{2}$         | —                      | +                    | —   | Spontaneous long rotation. Spinal anæsthetic.                             |
| 3602     | 29   | 3       | 42                | 35                  | 9 $\frac{1}{2}$             | Manual                                   | -       | A   | SB                  | Full                  | —                      | —                    | —   | B.P. 146/114. Breech. Attempt made to apply forceps to breech before adm. |
| 3671     | 31   | 8       | 40                | 48                  | ?                           | Perforation -<br>Lion forceps            | A       | SB  | $\frac{1}{2}$       | —                     | —                      | P                    | Hydrocephalus.  |   |
| 3687     | 39   | 3       | 42                | 22                  | 9 $\frac{1}{2}$             | Manual rotation<br>Forceps               | A       | SB  | $\frac{1}{2}$       | 4 $\frac{1}{4}$       | +                      | —                    | P.U.O.  |   |
| 3740     | 40   | 2       | 41                | 9                   | 6 $\frac{3}{4}$             | Spontaneous                              | A       | D   | $\frac{3}{4}$       | —                     | —                      | —                    | Breech. Attempt made to apply forceps to breech before adm. |   |

| Reg. No. | Age. | Parity. | Maturity<br>wks. | Duration of<br>Labour<br>hrs. | Weight of<br>Child<br>lbs.         | Mode<br>of<br>Delivery         | Result. |    | Dilatation<br>of Os | Diagonal<br>Conjugate | Occipito-<br>posterior | Pyrexia or<br>Sepsis | Remarks  |
|----------|------|---------|------------------|-------------------------------|------------------------------------|--------------------------------|---------|----|---------------------|-----------------------|------------------------|----------------------|--|
|          |      |         |                  |                               |                                    |                                | M       | Ch |                     |                       |                        |                      |  |
| 3830     | 29   | 3       | 40               | 72                            | 7                                  | High forceps                   | A       | A  | Full                | 3 $\frac{5}{8}$       | —                      | —                    | Spinal anæs.   |
| 3871     | 20   | 1       | 40               | 60                            | 6                                  | Spontaneous                    | A       | SB | Full                | 4 $\frac{1}{4}$       | —                      | S                    | Offensive lochia.<br>Complete tear.<br>Child lacerated.  |
| 3979     | 32   | 2       | 43               | 144                           | 8                                  | Craniotomy                     | A       | SB | $\frac{3}{4}$ +     | 4 $\frac{1}{8}$       | —                      | —                    | Manual removal<br>of placenta.<br>Vesico vaginal<br>fistula. No<br>foetal heart<br>heard on adm. |
| 4007     | 26   | 1       | 40               | 41                            | 6 $\frac{3}{4}$                    | Spontaneous                    | A       | A  | $\frac{3}{4}$ +     | —                     | —                      | —                    | Too early applica-<br>tion of forceps<br>outside.  |
| 4070     | 29   | 2       | 40               | 14                            | 7 $\frac{1}{2}$<br>5 $\frac{3}{4}$ | Spontaneous<br>Spontaneous     | A       | SB | Full                | —                     | +                      | —                    | Twins. First<br>R.O.P. Patient<br>very collapsed<br>on admission.                                |
| 4286     | 25   | 1       | 42               | 19                            | 7 $\frac{1}{2}$                    | Manual<br>rotation.<br>Forceps | A       | SB | Full                | —                     | +                      | —                    | Spinal anæs.   |
| 4338     | 28   | 1       | 40               | 20                            | ?                                  | Manual<br>rotation<br>Forceps  | A       | A  | Full                | 4 $\frac{1}{2}$       | +                      | —                    |  |

## HEART DISEASE.

One hundred and twenty-two cases of heart disease were admitted during the year 1935. Of these, 52 had been under ante-natal supervision at the hospital clinic, while 70 had been under supervision elsewhere or had had no previous ante-natal care. There were 5 maternal deaths in Category A and 10 in Category B. In Category A 3 deaths were due to acute ulcerative endocarditis, 1 to subacute ulcerative endocarditis, and 1 occurred under anaesthesia for the purpose of sterilisation on the eleventh day of the puerperium. All these cases had a previous chronic endocarditis, and all except one case, which was sterilised, died undelivered. In Category B 5 cases died from acute ulcerative endocarditis and 1 from subacute ulcerative endocarditis. All 6 cases were delivered, but the acute lesions had been present before delivery. Two cases died under anaesthesia, the one a case of incomplete miscarriage and the other a case necessitating abdominal hysterotomy. One case died of septic pneumonia on the seventeenth day of the puerperium. Fourteen of these cases had had a previous chronic endocarditis. There were 7 still-births and 11 infantile deaths. Seven cases were notified on account of puerperal pyrexia and 1 on account of sepsis, giving a notifiable rate of 8.5 per cent of cases delivered. A history of acute rheumatism was elicited in 60 cases.

*A.—Table showing type of cardiac lesion, mode of delivery, and results.*

| Mode of Delivery.      | Type of Lesion. |              |                    |           | Results.  |          |           |          | Previous Acute Rheumatism. | Pyrexia.  | Sepsis.  |          |  |
|------------------------|-----------------|--------------|--------------------|-----------|-----------|----------|-----------|----------|----------------------------|-----------|----------|----------|--|
|                        | Mitral.         | Myocarditis. | Mitral and Aortic. | Total.    | Mother.   |          | Child.    |          |                            |           |          |          |  |
|                        |                 |              |                    |           | A.        | D.       | A.        | S.B.     | D.                         |           |          |          |  |
| Spontaneous - - -      | 16              | 5            | 2                  | 23        | 22        | 1        | 21        | 1        | 1                          | 12        | 1        | —        |  |
| Cæsarean section - - - | 7               | 1            | —                  | 8         | 8         | —        | 7         | —        | 1                          | 4         | 2        | —        |  |
| Forceps - - -          | 3               | 2            | —                  | 5         | 5         | —        | 5         | —        | —                          | 2         | —        | —        |  |
| Abdominal hysterotomy  | 4               | —            | 1                  | 5         | 5         | —        | —         | —        | —                          | 4         | —        | —        |  |
| Manual breech - - -    | 1               | —            | —                  | 1         | 1         | —        | 1         | —        | —                          | 1         | —        | —        |  |
| Undelivered - - -      | 5               | 2            | 3                  | 10        | 6         | 4        | —         | —        | —                          | 5         | —        | —        |  |
| <b>Totals - - -</b>    | <b>36</b>       | <b>10</b>    | <b>6</b>           | <b>52</b> | <b>47</b> | <b>5</b> | <b>34</b> | <b>1</b> | <b>2</b>                   | <b>28</b> | <b>3</b> | <b>—</b> |  |

## Group B.

| Mode of Delivery.      | Type of Lesion. |              |                    |           | Results.  |           |           |          |          |           | Previous Acute Rheumatism. | Pyrexia. | Sepsis. |  |  |  |
|------------------------|-----------------|--------------|--------------------|-----------|-----------|-----------|-----------|----------|----------|-----------|----------------------------|----------|---------|--|--|--|
|                        | Mitral.         | Myocarditis. | Mitral and Aortic. | Total.    | Mother.   |           | Child.    |          |          |           |                            |          |         |  |  |  |
|                        | A.              | D.           | A.                 | S.B.      | D.        |           |           |          |          |           |                            |          |         |  |  |  |
| Spontaneous - - -      | 23              | 3            | 2                  | 28        | 24        | 4         | 20        | 4        | 4        | 12        | 2                          | 1        |         |  |  |  |
| Cæsarean section - - - | 3               | 3            | 1                  | 7         | 6         | 1         | 3         | 1        | 3        | 4         | 1                          | 1        |         |  |  |  |
| Forceps - - -          | 4               | —            | 1                  | 5         | 4         | 1         | 5         | —        | —        | 2         | 4                          | 1        |         |  |  |  |
| Abdominal hysterotomy  | 7               | 1            | —                  | 8         | 6         | 2         | —         | —        | —        | 4         | 1                          |          |         |  |  |  |
| Manual breech          | 2               | —            | 1                  | 3         | 2         | 1         | —         | 1        | 2        | —         | —                          |          |         |  |  |  |
| Undelivered - - -      | 14              | 2            | —                  | 16        | 16        | —         | —         | —        | —        | 9         | —                          |          |         |  |  |  |
| Miscarriage - - -      | 2               | 1            | —                  | 3         | 2         | 1         | —         | —        | —        | 1         | —                          | —        |         |  |  |  |
| <b>Totals - - -</b>    | <b>55</b>       | <b>10</b>    | <b>5</b>           | <b>70</b> | <b>60</b> | <b>10</b> | <b>28</b> | <b>6</b> | <b>9</b> | <b>32</b> | <b>4</b>                   | <b>1</b> |         |  |  |  |

## Groups A and B.

|                        |           |           |           |            |            |           |           |          |           |           |          |          |  |  |
|------------------------|-----------|-----------|-----------|------------|------------|-----------|-----------|----------|-----------|-----------|----------|----------|--|--|
| Spontaneous - - -      | 39        | 8         | 4         | 51         | 46         | 5         | 41        | 5        | 5         | 24        | 3        | 1        |  |  |
| Cæsarean section - - - | 10        | 4         | 1         | 15         | 14         | 1         | 10        | 1        | 4         | 8         | 3        |          |  |  |
| Forceps - - -          | 7         | 2         | 1         | 10         | 9          | 1         | 10        | —        | —         | 4         | —        |          |  |  |
| Abdominal hysterotomy  | 11        | 1         | 1         | 13         | 11         | 2         | —         | —        | —         | 8         | 1        |          |  |  |
| Manual breech          | 3         | —         | 1         | 4          | 3          | 1         | 1         | 1        | 2         | 1         | —        |          |  |  |
| Undelivered - - -      | 19        | 4         | 3         | 26         | 22         | 4         | —         | —        | —         | 14        | —        |          |  |  |
| Miscarriage - - -      | 2         | 1         | —         | 3          | 2          | 1         | —         | —        | —         | 1         | —        |          |  |  |
| <b>Totals - - -</b>    | <b>91</b> | <b>20</b> | <b>11</b> | <b>122</b> | <b>107</b> | <b>15</b> | <b>62</b> | <b>7</b> | <b>11</b> | <b>60</b> | <b>7</b> | <b>1</b> |  |  |

## HEART DISEASE.

### *A.—Cases under Ante-natal Supervision at Hospital Clinic.*



| Reg.<br>No. | Age. | Parity | Maturity on<br>Admission<br>wks. | Type<br>wks. | Dyspnoea | Orthopnoea | Mode of Delivery.       |    | Result<br>M | Result<br>Ch | Rheumatism<br>Acute | Ptyrexia or<br>Seepsts | Rheumatism<br>Prevalent | Remarks                                      |  |
|-------------|------|--------|----------------------------------|--------------|----------|------------|-------------------------|----|-------------|--------------|---------------------|------------------------|-------------------------|--|--|
|             |      |        |                                  |              |          |            | M                       | Ch |             |              |                     |                        |                         |  |  |
| 2616        | 35   | 10     | 40                               | 40           | M        | +          | Spontaneous             | -  | A           | A            | +                   | -                      | -                       | Admitted in labour.                          |  |
| 2719        | 27   | 1      | 35                               | 35           | M        | -          | Forceps                 | -  | A           | A            | -                   | -                      | -                       | Admitted in labour.                          |  |
| { 2767      | 34   | 1      | 22                               | 26           | M        | +          | Undelivered             | -  | A           | A            | +                   | -                      | -                       | Breech.                                      |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         | Fibroid. Albuminuria.                        |  |
| { 3445      | —    | —      | 32                               | 32           | M        | -          | Spontaneous             | -  | A           | A            | -                   | -                      | -                       | Myocarditis. Anginal attacks.                |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Auricular fibrillation. Sterilised.                                      |
| { 3724      | —    | —      | 34                               | 37           | M        | -          | Spontaneous             | -  | A           | A            | -                   | -                      | -                       | C.P. Promontory reached.                     |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | distressed during labour.  |
| 3015        | 32   | 6      | 38                               | 40           | M        | -          | Spontaneous             | -  | A           | A            | -                   | -                      | -                       | C.P. Promontory reached.                     |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | distressed during labour.  |
| 3016        | 27   | 1      | 40                               | 40           | M        | -          | Spontaneous             | -  | A           | A            | -                   | -                      | -                       | C.P. Promontory reached.                     |  |
| 3110        | 34   | 2      | 32                               | 36           | M        | +          | Cæs. section            | -  | A           | A            | +                   | -                      | -                       |  |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Auricular fibrillation. Sterilised.                                      |
| { 3167      | 33   | 2      | 28                               | 30           | M        | +          | Undelivered             | -  | A           | A            | -                   | -                      | -                       | C.P. Promontory reached.                     |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | distressed during labour.  |
| { 4302      | —    | —      | 40                               | 40           | M        | +          | Cæs. section            | -  | A           | A            | -                   | -                      | -                       | C.P. Promontory reached.                     |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | distressed during labour.  |
| 3194        | 26   | 4      | 14                               | 15           | M        | +          | Abdom. hyster-<br>otomy | A  | —           | —            | —                   | —                      | —                       | W.R. +.                                      |  |
| 3508        | 39   | 9      | 40                               | 40           | M        | +          | Undelivered             | -  | A           | D            | —                   | +                      | —                       | W.R. +.                                      |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Died from acute endocarditis 4 days after admission. (See under deaths). |
| { 3533      | 32   | 3      | 28                               | 28           | M        | +          | Undelivered             | -  | A           | D            | —                   | +                      | —                       | W.R. +.                                      |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | W.R. +.  |
| { 3571      | 29   | 5      | 34                               | 35           | M        | -          | Undelivered             | -  | A           | A            | —                   | —                      | —                       | Slight ext. acc. haem.                       |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Mixed acc. haem. Surg. induction.  |
| 3587        | 36   | 7      | 26                               | 27           | M        | -          | Spontaneous             | -  | A           | A            | —                   | —                      | —                       | Myocarditis. Glycosuria on admission.        |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Myocarditis. Admitted in labour.   |
| 3653        | 29   | 2      | 40                               | 40           | M        | -          | Spontaneous             | -  | A           | A            | +                   | +                      | —                       | Esbach .7 per cent. B.P. 140/90.             |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Sterilised.  |
| 3815        | 29   | 1      | 40                               | 40           | M        | -          | Abdom. hyster-<br>otomy | -  | A           | A            | —                   | —                      | —                       | Slight ext. acc. haem.                       |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Mixed acc. haem. Surg. induction.  |
| 3850        | 20   | 2      | 11                               | 12           | M        | -          | Abdom. hyster-<br>otomy | -  | A           | A            | —                   | —                      | —                       | Myocarditis. Glycosuria on admission.        |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Myocarditis. Admitted in labour.   |
| 3909        | 31   | 3      | 19                               | 21           | M        | -          | Abdom. hyster-<br>otomy | -  | A           | A            | —                   | —                      | —                       | Slight ext. acc. haem.                       |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Mixed acc. haem. Surg. induction.  |
| 3923        | 36   | 7      | 35                               | 36           | M        | -          | Undelivered             | -  | A           | A            | —                   | —                      | —                       | W.R. +. Irreg. dism. 9 days after admission. |  |
|             |      |        |                                  |              |          |            |                         |    |             |              |                     |                        |                         |  | Sterilised. Haemoptysis.   |
| 3937        | 20   | 1      | 28                               | 33           | M        | +          | Undelivered             | -  | A           | A            | —                   | —                      | —                       | —  |  |
| 4131        | 28   | 1      | 34                               | 38           | M        | +          | Cæs. section            | -  | A           | A            | —                   | —                      | —                       | —  |  |

| Reg. No. | Age. | Parity | Maternity on admission. | Delivery at Dismissal. | Type | Mode of Delivery |     | Result      |     | Pre-existing Rheumatism |   | Pre-existing Sepsis |   | Remarks                   |
|----------|------|--------|-------------------------|------------------------|------|------------------|-----|-------------|-----|-------------------------|---|---------------------|---|---------------------------|
|          |      |        |                         |                        |      | M                | Ch. | M           | Ch. | A                       | A | A                   | A |                           |
| 4140     | 23   | 1      | 39                      | 40                     | M    | -                | -   | Spontaneous | -   | A                       | A | -                   | - | Chorea. C.P.              |
| 4460     | 35   | 1      | 25                      | 30                     | M    | -                | -   | Undelivered | -   | A                       | - | -                   | - | Myocarditis.              |
| 3562     | 44   | 1      | 30                      | 35                     | M    | -                | -   | Undelivered | -   | A                       | - | -                   | - | Cervical polypus removed. |
| 4053     | -    | -      | 36                      | 37                     | M    | -                | -   | Undelivered | -   | A                       | - | -                   | - |                           |
| { 4097   |      | -      |                         | -                      |      | -                |     | -           |     | -                       |   | -                   |   |                           |

B.—*Others.*

|       |    |      |    |    |   |     |     |                    |   |   |    |   |   |  |
|-------|----|------|----|----|---|-----|-----|--------------------|---|---|----|---|---|--|
| 94    | 27 | 1    | 24 | 26 | M | +   | +   | Abdom. hysterotomy | D | - | +  | - | Operation 13 days after admission.  |  |
| 116   | 32 | 3    | 13 | 20 | M | -   | +   | Abdom. hysterotomy | A | - | -  | - | Sterilisation. Death under chloroform.                                      |  |
| 314   | 43 | 8    | 36 | 38 | M | -   | +   | Undelivered        | - | A | -  | - | (See under deaths.)   |  |
| 431   | 37 | 1    | 40 | 40 | M | -   | -   | Manual             | - | D | SB | - | Myocarditis.  |  |
| { 433 |    | 26   |    | 1  |   | 16  | 23  | M                  | + | A | D  | - | Sterilisation.  |  |
|       |    | 1356 |    | -  |   | ?26 | ?29 | M                  | - | D | A  | - | Myocarditis. Bronchitis. Debility. 18 days in hospital.                     |  |
| 482   | 41 | 8    | 40 | 40 | M | -   | +   | Undelivered        | - | A | D  | - | Breech. Acute endocarditis. Died 2 days after delivery. (See under deaths.) |  |
| 505   | 40 | 8    | 33 | 35 | M | +   | -   | Spontaneous        | - | A | A  | - | 51 days in hospital.  |  |
| 587   | 24 | 3    | 7  | 7  | M | -   | -   | Curettage          | - | A | -  | - | Sterilisation.  |  |
| 678   | 20 | 4    | 40 | 41 | M | -   | -   | Undelivered        | - | A | -  | - | Incom. abortion.  |  |
| 828   | 21 | 2    | 21 | 26 | M | +   | -   | Abdom. hysterotomy | - | A | -  | - | Irreg. dism. 12 days after admission.                                       |  |
| 941   | 29 | 1    | 36 | 40 | M | +   | -   | Spontaneous        | - | A | A  | - | Sterilisation.  |  |
| 969   | 24 | 1    | 17 | 20 | M | +   | -   | Abdom. hysterotomy | - | A | -  | P | Bronchitis. Sterilisation.  |  |

| Reg. No. | Age. | Parity | Maturity on admission | Maturity on delivery | Type    | Dyspnoea | Orthopnoea | Mode of Delivery |     | Result | Pyrexia or Septic Acute Rheumatism |   | Pyrexia or Septic Acute Rheumatism |    | Remarks |        |
|----------|------|--------|-----------------------|----------------------|---------|----------|------------|------------------|-----|--------|------------------------------------|---|------------------------------------|----|---------|--------|
|          |      |        |                       |                      |         |          |            | M                | Ch. |        | SB                                 | D | A                                  | SB | D       | Brech. |
| 1201     | 20   | 1      | 40                    | 40                   |         |          |            | Spontaneous      | -   | -      | -                                  | - | -                                  | -  |         |        |
| 1226     | 25   | 1      | 42                    | 42                   | M and A | - +      | -          | Manual           | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Curettage        | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Forceps          | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Undelivered      | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Cæs. section     | -   | A      | A                                  | A | A                                  | A  |         |        |
|          |      |        |                       |                      |         |          |            | Spontaneous      |     |        |                                    |   |                                    |    |         |        |

| Reg. No. | Age. | Parity | Maternity in weeks | Type | Dyspnoea                | Orthopnoea | Mode of Delivery |    | Result | Previous Acute Rheumatism | Pyrexia or Septic | Remarks  |
|----------|------|--------|--------------------|------|-------------------------|------------|------------------|----|--------|---------------------------|-------------------|--|
|          |      |        |                    |      |                         |            | M                | Ch |        |                           |                   |  |
| 2419     | 34   | 8      | 33                 | 36   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Chorea.  |
| 2841     | -    | -      | 38                 | 40   | Spontaneous             | -          | A                | +  | -      | -                         | -                 | Chorea.  |
| 2680     | 19   | 1      | 43                 | 43   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Med. induction.  |
| 2690     | 17   | 1      | 22                 | 23   | Spontaneous             | -          | A                | +  | -      | -                         | -                 | R.O.P. Admitted in labour.   |
| 3848     | -    | -      | 37                 | 37   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Admitted in labour.  |
| 2713     | 22   | 2      | 38                 | 38   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | Auricular fibrillation. Adm. in labour.  |
| 2718     | 31   | 2      | 34                 | 37   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Myocarditis. Admitted in labour.   |
| 3004     | -    | -      | 39                 | 40   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | Myocarditis. Complete miscarriage.   |
| 2720     | 20   | 1      | 33                 | 33   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Myocarditis. Pulm. tuberculosis. Sterilised.                                   |
| 2745     | 34   | 3      | 41                 | 41   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | Died on 8th day of puerperium from sub-acute endocarditis. (See under deaths.) |
| 2751     | 33   | 3      | 22                 | 22   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | Myocarditis. Albuminuria. B.P. 228/140.  |
| 2772     | 37   | 8      | 34                 | 37   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Surg. induction.   |
| 2924     | 22   | 1      | 12                 | 13   | Abdom. hyster-<br>otomy | -          | D                | -  | -      | -                         | -                 | A.P. eclampsia. 5 fits.  |
| 3018     | 41   | 3      | 30                 | 32   | Spontaneous             | -          | A                | SB | -      | -                         | -                 | Sterilisation on 11th day of puerperium.                                       |
| 3024     | 30   | 1      | 40                 | 40   | Forceps                 | -          | A                | A  | -      | -                         | -                 | B.P. 168/106. Intra-uterine death.   |
| 3094     | 31   | 2      | 34                 | 34   | Spontaneous             | -          | A                | SB | -      | -                         | -                 | Pyelitis.  |
| 3100     | 45   | 15     | 32                 | 35   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | Chronic nephritis. B.P. 204/130 on dismissal.                                  |
| 3147     | 27   | 1      | 20                 | 23   | Undelivered             | -          | A                | -  | -      | -                         | -                 | Suppurative pyelonephritis. Died from acute endocarditis. (See under deaths.)  |
| 3283     | 32   | 5      | 11                 | 11   | Abdom. hyster-<br>otomy | -          | D                | SB | -      | -                         | -                 | Admitted in labour. Transferred to General Hospital on 20th day of puerperium. |
| 3315     | 28   | 5      | 28                 | 32   | Spontaneous             | -          | A                | D  | -      | -                         | -                 | From there dismissed well.   |
| 3475     | 24   | 2      | 37                 | 37   | Spontaneous             | -          | A                | -  | -      | -                         | -                 | A.P. bleeding.   |
| 3502     | 39   | 10     | 36                 | 37   | Undelivered             | -          | A                | SB | -      | -                         | -                 | Cent. placenta prævia. Sterilised.   |
| 3757     | -    | 33     | 38                 | 38   | Cæs. section            | -          | D                | SB | -      | -                         | -                 | Died from acute endoæarditis on 8th day of puerperium. (See under deaths.)     |

| Reg.<br>No. | Age. | Parity | Maturity on<br>Admission<br>wks. | Delivery at<br>Dismissal<br>wks. | Type<br>Dyspnoea | Orthopnoea | Mode of Delivery | Result       |    | Previous Acute<br>Rheumatism | Pyrexia or<br>Septicaemia | Remarks   |
|-------------|------|--------|----------------------------------|----------------------------------|------------------|------------|------------------|--------------|----|------------------------------|---------------------------|---|
|             |      |        |                                  |                                  |                  |            |                  | M            | Ch |                              |                           |   |
| 3506        | 27   | 1      | 40                               | 40                               | M                | +          | —                | A            | D  | —                            | —                         | Admitted in labour. Sterilisation.  |
| 3534        | 38   | 10     | 19                               | 21                               | M                | —          | —                | A            | —  | +                            | —                         | Sterilisation.  |
| 3552        | 38   | 7      | 34                               | 39                               | M                | +          | —                | A            | A  | —                            | —                         | Myocarditis. B.P. 180/130.  |
| 3553        | 28   | 1      | 13                               | 17                               | M                | —          | —                | A            | —  | —                            | —                         | Ovarian cyst. Oophorectomy. Pregnancy not disturbed.  |
| 3628        | 20   | 1      | 16                               | 18                               | M                | —          | —                | Undelivered  | —  | +                            | —                         | Chorea.   |
| 3719        | 25   | 1      | 32                               | 34                               | M                | —          | —                | Undelivered  | —  | —                            | —                         | Lymphadenoma. Transferred to General Hospital for deep x-ray therapy.   |
| 3811        | 22   | 3      | 24                               | 29                               | M                | +          | +                | Undelivered  | —  | —                            | —                         | Readmitted. Died on 10th day of puerperium from acute endocarditis and bronchicitis. (This death occurred in 1936.) |
| 4392        | —    | —      | 32                               | 34                               | M                | +          | +                | Spontaneous  | —  | D                            | —                         | Album. B.P. 166/122. Med. induction.  |
| 3902        | 36   | 1      | 30                               | 36                               | M                | +          | —                | Forces       | —  | D                            | A                         | Venesection. Died from acute endocarditis on 4th day of puerperium. (This death occurred in 1936.)                  |
| 3914        | 20   | 1      | 29                               | 31                               | M                | —          | —                | Undelivered  | —  | A                            | —                         | Chorea. Myocarditis. Bronchitis. Sterilised.  |
| 3935        | 35   | 11     | 36                               | 38                               | M                | +          | —                | Cæs. section | —  | A                            | —                         | Albuminuria. B.P. 152/100. Admitted in labour.  |
| 4020        | 21   | 1      | 40                               | 40                               | M                | +          | —                | Forces       | —  | A                            | +                         | Myocarditis. Myomectomy. Sterilisation.   |
| 4032        | 37   | 5      | 37                               | 40                               | M                | +          | —                | Cæs. section | —  | A                            | —                         | P.U.O. Aortic stenosis and incompetence.  |
| 4042        | 27   | 1      | 32                               | 36                               | M                | +          | +                | Spontaneous  | —  | A                            | +                         | Admitted in labour.   |
| 4054        | 27   | 4      | 41                               | 41                               | M                | +          | —                | Undelivered  | —  | A                            | —                         | —   |
| 4060        | 23   | 1      | 22                               | 22                               | M                | +          | +                | Spontaneous  | —  | A                            | +                         | —   |
| 4100        | 19   | 1      | 31                               | 36                               | M                | +          | +                | Undelivered  | —  | A                            | —                         | —   |

| Reg. No. | Age. | Parity | Admission wks. | Maturity on Dismissal wks. | Delivery | Type | Result |    | Previous Acute Rheumatism |    | Pyrexia or Septic |    | Orthopnoea | Dyspnoea. | Dyspnoea. | Orthopnoea                                    | Mode of Delivery |                   | Remarks     |          |             |
|----------|------|--------|----------------|----------------------------|----------|------|--------|----|---------------------------|----|-------------------|----|------------|-----------|-----------|---|------------------|-------------------|-------------|----------|-------------|
|          |      |        |                |                            |          |      | M      | Ch | M                         | Ch | M                 | Ch |            |           |           |   | M                | Ch                | M           | Ch       |             |
| 4132     | 30   | 7      | 12             | 14                         | M        | +    | -      | -  | Abdom. hyster-            | A  | -                 | +  | -          | -         | -         | Sterilised.                                   |                  |                   |             |          |             |
| 4143     | 36   | 4      | 32             | 32                         | M        | +    | -      | -  | Manual                    | -  | A                 | D  | -          | -         | -         | Admitted in labour.                           | Partial          | placenta          |             |          |             |
| 4166     | 34   | 3      | 7              | 10                         | -        | -    | -      | -  | Undelivered               | -  | A                 | -  | +          | -         | -         | prævia.                                       | Breech.          | Leg brought down. |             |          |             |
| 4469     | 22   | 2      | 23             | 29                         | M        | -    | -      | -  | Undelivered               | -  | A                 | -  | -          | -         | -         | Myocarditis.                                  | Hyperemesis.     |                   |             |          |             |
| 4471     | 23   | 1      | 26             | 32                         | M        | +    | +      | +  | Spontaneous               | -  | D                 | A  | -          | -         | -         | Died on 8th day of puerperium.                | P. M.            |                   |             |          |             |
|          |      |        |                |                            |          |      |        |    |                           |    |                   |    |            |           |           | revealed mitral stenosis, acute endocarditis, | acute            | duodenal          | and         | gastric  |             |
|          |      |        |                |                            |          |      |        |    |                           |    |                   |    |            |           |           | empyæma,                                      | ulcers           | with              | perforation | and      | haemorrhage |
|          |      |        |                |                            |          |      |        |    |                           |    |                   |    |            |           |           | into  | peritoneal       | cavity            | and         | stomach. |             |
|          |      |        |                |                            |          |      |        |    |                           |    |                   |    |            |           |           | Immediate cause of death was haemorrhage.     |                  |                   |             |          |             |
|          |      |        |                |                            |          |      |        |    |                           |    |                   |    |            |           |           | This death occurred in 1936.                  |                  |                   |             |          |             |

## MATERNAL DEATHS.

The Scottish Departmental Committee on Puerperal Morbidity and Mortality (1924) suggested (paragraph 16) a classification of maternal deaths on a pathological basis. This classification has been adopted in the table given below.

There were 81 maternal deaths in the Hospital during the year 1935 ; 14 (17.3 per cent.) of these were in cases which had been under ante-natal supervision at the Hospital Clinic and 67 (82.7 per cent.) were in cases which had not been under that supervision. Of the total number of deaths, 27 (33.3 per cent.) died within 24 hours of admission, 23 (28.4 per cent.) died after 24 hours, but within 7 days of admission, and 31 (38.3 per cent.) died after 7 days ; 11 of the cases were admitted after delivery at home, while 14 cases died undelivered. Puerperal sepsis was noted in 16 (19.8 per cent.) and puerperal pyrexia in 12 (14.8 per cent.). Post-mortem examinations were made in 74 of the fatal cases.

Since there were 4,477 admissions to the Hospital during the year, the death-rate was 18 per thousand (or 1.8 per cent.). The death-rates in the two categories were as follows :—

|                         |   |   |   |                |
|-------------------------|---|---|---|----------------|
| Category A.—Death rate, | - | - | - | 0.74 per cent. |
| Category B.—Death rate, | - | - | - | 2.59 per cent. |

*Table showing causes of Maternal Deaths in 1935 in both categories, and duration of residence in Hospital of these cases.*

| Cause of Death.               | Under 24 hours. |    | Over 24 hours,<br>under 7 days. |    | Over 7 days. |    | Totals. |    |    |
|-------------------------------|-----------------|----|---------------------------------|----|--------------|----|---------|----|----|
|                               | A.              | B. | A.                              | B. | A.           | B. |         |    |    |
| <b>Intercurrent diseases—</b> |                 |    |                                 |    |              |    |         |    |    |
| Bronchial carcinoma           | -               | -  | -                               | -  | -            | -  | 1       |    |    |
| Pneumonia                     | -               | -  | 2                               | 1  | 2            | 3  | 8       |    |    |
| Heart disease                 | -               | -  | 2                               | 1  | 1            | 2  | 5       |    |    |
| Pulmonary tuberculosis        | -               | -  | -                               | -  | -            | -  | 1       |    |    |
| Simmond's disease             | -               | -  | -                               | -  | 1            | -  | 1       |    |    |
| Aortic aneurysm               | -               | -  | 1                               | -  | -            | -  | 1       |    |    |
| <b>Toxaemias—</b>             |                 |    |                                 |    |              |    |         |    |    |
| Hyperemesis                   | -               | -  | -                               | -  | 3            | -  | 3       |    |    |
| Eclampsia                     | -               | -  | 4                               | -  | 2            | -  | 8       |    |    |
| Subacute yellow atrophy       | -               | -  | -                               | -  | 1            | -  | 1       |    |    |
| Toxaemia                      | -               | -  | 1                               | -  | -            | -  | 1       |    |    |
| Late vomiting                 | -               | -  | -                               | -  | 1            | -  | 1       |    |    |
| Pyelonephritis                | -               | -  | -                               | 1  | -            | 2  | 3       |    |    |
| Accidental haemorrhage        | -               | -  | -                               | -  | 2            | -  | 3       |    |    |
| <b>Haemorrhages—</b>          |                 |    |                                 |    |              |    |         |    |    |
| Accidental haemorrhage        | -               | -  | 4                               | -  | -            | -  | 4       |    |    |
| Placenta prævia               | -               | -  | -                               | -  | 1            | -  | 2       |    |    |
| Post-partum haemorrhage       | -               | -  | 4                               | -  | 1            | -  | 5       |    |    |
| Miscarriage                   | -               | -  | 1                               | -  | 1            | -  | 2       |    |    |
| <b>Trauma and accident—</b>   |                 |    |                                 |    |              |    |         |    |    |
| Ruptured uterus               | -               | -  | 2                               | -  | -            | -  | 1       |    |    |
| Death under anaesthesia       | -               | -  | 1                               | -  | -            | -  | 1       |    |    |
| Pontine haemorrhage           | -               | -  | -                               | -  | 1            | -  | 1       |    |    |
| Cerebral thrombosis           | -               | -  | 1                               | -  | -            | -  | 1       |    |    |
| Obstetric shock               | -               | -  | 1                               | 2  | -            | -  | 4       |    |    |
| <b>Sepsis following—</b>      |                 |    |                                 |    |              |    |         |    |    |
| Spontaneous delivery          | -               | -  | -                               | -  | 1            | -  | 1       |    |    |
| Forceps                       | -               | -  | -                               | -  | -            | 1  | 1       |    |    |
| Cæsarean section              | -               | -  | -                               | -  | -            | 3  | 3       |    |    |
| Miscarriage                   | -               | -  | 1                               | -  | -            | -  | 2       |    |    |
| Rupture of uterus             | -               | -  | -                               | -  | 1            | -  | 2       |    |    |
| B.B.O.                        | -               | -  | -                               | -  | 1            | -  | 2       |    |    |
| <b>Totals</b>                 | -               | -  | 1                               | 26 | 3            | 20 | 10      | 21 | 81 |

## SUMMARY OF FATAL CASES DURING 1934.

A brief summary of each of the fatal cases is given in the following tables :—

## 1. INTERCURRENT DISEASES.

| Nature of Case.                                   | Reg. No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks  |
|---|----------|------|---------|----------|-----------|-------------------|--|
| Influenzal broncho-pneumonia.<br>Spont. delivery. | 118      | 18   | 1       | B        | 35        | P                 | Ante-natal supervision by own doctor. Health during pregnancy good till two weeks prior to admission when patient took a chill and developed a dry, painful cough. Had since become very breathless. On admission temp. 100.6, pulse 144, respirations 32. Cheeks flushed with slight cyanosis, tongue furred and dry, râles and rhonchi on both sides of chest. Spontaneous delivery fifteen hours later. Pulse rate rose to 170 and temp. to 103. She died the following day. P.M. exam showed signs of acute influenzal broncho-pneumonia.  |
| Lobar pneumonia.<br>Undelivered.                  | 626      | 38   | 1       | B        | 33        | —                 | Ante-natal supervision by own doctor. Health during pregnancy good till one week prior to admission when she developed severe pain in left side of chest. On admission temp. 102.8, pulse 140, respirations 46. Oedema of legs, B.P. 190/110. Very distressed and cyanosed. Slight and infrequent labour pains. Signs of consolidation at left lung base. She died undelivered eleven hours later. P.M. exam. revealed lobar pneumonia, pleurisy with effusion.  |
| Prolonged labour.<br>Forceps.<br>Basal pneumonia. | 837      | 41   | 4       | A        | 36        | P                 | Previous pregnancies normal—one instrumental delivery. Ante-natal supervision by hospital clinic (two visits). Persistent sickness and breathlessness throughout pregnancy. Labour commenced twenty-four hours before admission. On admission temp. 100.6, pulse 104, respirations 24. B.P. 110/70. Slight oedema of legs. Foetal heart could not be heard. Cervix fully dilated. Occipito-anterior position with vertex in mid-pelvis. Pains frequent and severe. Examination of chest revealed a few râles. Forceps delivery three hours later. The child was still-born and weighed |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks  |
|--|----------|------|---------|-----------|-----------|-------------------|--|
| Contracted pelvis.<br>Occipito-posterior.<br>Pyelonephritis.<br>Lobar pneumonia.<br>Forceps. | 856      | 28   | 1       | A         | 37        | P                 | 10 $\frac{1}{4}$ lbs. Pulse rate varied between 100 and 130 and temp. between 97 and 103 till the seventh day of puerperium, when she died. Signs of a basal pneumonia had appeared on the fourth day of the puerperium. No P.M. exam.   |
| Lobar pneumonia.<br>Pulmonary abscess.<br>Undelivered.                                       | 973      | 38   | 15      | A         | 31        | —                 | Ante-natal supervision at hospital clinic. Moderate amount of sickness and heartburn throughout pregnancy. Also frequency of micturition. Admitted to ante-natal wards on account of contracted pelvis. On admission temp. 97.2. General condition good. D.C. 4 $\frac{1}{4}$ ins. Medical induction given two days later. Patient did not go into labour, but pulse rate rose to 126 and temp. became slightly irregular. Fourteen days later pulse and temp. having settled, medical induction was repeated. Patient went into labour and was delivered by forceps, face to pubis. sixteen hours later. On day of delivery temp. rose to 104 and pulse to 160. She died two days later, pulse and temp. having continued high. P.M. exam. revealed acute pyelonephritis of right kidney and early lobar pneumonia of right lung. |

| Nature of Case.                                  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|--|----------|------|---------|-----------|-----------|--------------------|---|
| B.B.O.<br>Lobar pneumonia.<br>Retained placenta. | 1409     | 26   | 2       | B         | —         | —                  | No history of any abnormality during first pregnancy. No antenatal supervision during this pregnancy. Patient delivered on district spontaneously following a labour lasting only two hours. Placenta was retained and after unsuccessful attempt at expression patient was brought into hospital three hours after delivery. On admission temp. 97, pulse 160, patient very collapsed. She died fifteen minutes later as an intravenous saline was being started. P.M. exam. showed an eight-day lobar pneumonia of right upper lobe. Placenta only normally adherent.   |
| Spont. delivery.<br>Lobar pneumonia.             | 2050     | 37   | 8       | A         | 40        | P                  | First two pregnancies full time, one instrumental. Five two-month abortions subsequently. Antenatal supervision by hospital clinic. Health during pregnancy good. Admitted in labour and delivered spontaneously half-an-hour later after a labour lasting nine hours. On admission pulse and temp. normal, general condition good. Some râles and rhonchi in chest. Pulse and temp. continued normal till sixth day of puerperium, when temp. rose to 104.4 and pulse to 128. Pulse and temp. continued high, but irregular. Signs of capillary bronchitis in both lungs. On the thirteenth day of puerperium temp. rose to 105.8 and pulse to 160. She died that day. P.M. exam. showed chronic bronchitis of right lung, lobar pneumonia of upper lobe of left lung at the stage of grey hepatisation. |
| F.F.O.<br>Mid forceps.<br>Lobar pneumonia.       | 3387     | 43   | 1       | B         | 40        | S                  | Ante-natal supervision by own doctor. Health during pregnancy good. Thirty-six hours before admission labour commenced, the membranes having ruptured before the onset of labour. Just prior to admission attempt at delivery by forceps was unsuccessful. On admission temp. 98, pulse 94, general condition good, cervix almost fully dilated, foetal head  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|---|----------|------|---------|-----------|-----------|--------------------|--|
| Mitral stenosis.<br>Abdominal<br>hysterotomy.<br>Sterilisation.<br>Death under<br>anæsthesia.               | 94       | 27   | 1       | B         | 24        | —                  | above pelvic brim, and foetal heart could not be heard. Morphia administered and patient rested. Fifteen hours later signs of maternal distress appeared, so delivered by mid forceps operation. On second day of puerperium temp. rose to 101.8 and pulse to 124. Temp. and pulse continued high till seventh day of the puerperium, when she died. Signs of pulmonary complications appeared on the fourth day of the puerperium. P.M. exam. showed a seven-day bilateral lobar pneumonia and sapræmia. Organisms pneumococci cultured from lungs and uterus.  |
| Mitral stenosis.<br>Surgical induction.<br>Spont. delivery.<br>Sterilisation.<br>Death under<br>anæsthesia. | 335      | 35   | 5       | A         | 35        | —                  | Acute rheumatism at age of ten years. Ante-natal supervision by own doctor. Breathlessness throughout pregnancy. On admission marked decompensation with pulse rate 96-136. Medical treatment for thirteen days, by which time pulse rate had settled. Hysterotomy and sterilisation then performed under Ch.cl.3 anæsthesia. Patient collapsed and died towards end of operation in spite of artificial respiration and cardiac stimulants. P.M. exam. showed chronic endocarditis of the mitral valve.   |
|   |          |      |         |           |           |                    | No history of acute rheumatism. Breathlessness with two previous pregnancies and before the onset of this pregnancy. This pregnancy from the beginning has increased the symptoms. Ante-natal care at hospital clinic since fourth month of pregnancy. On admission pulse rate 92, orthopnoea and œdema of legs. Fifteen days after admission membranes artificially ruptured. Labour commenced two hours later and two hours after this she had an easy spontaneous delivery. On the thirteenth day of the puerperium evipan and paraldehyde anæsthesia was administered for the purpose of sterilisation. Patient died under anæsthetic. P.M. exam. showed advanced mitral stenosis. |

| Nature of Case.   | Reg. No.      | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|---------------|------|---------|-----------|-----------|-------------------|---|
| Mitral stenosis.<br>Acute endocarditis.<br>Breech.<br>Manual delivery.                  | 431           | 37   | 1       | B         | 40        | —                 | No history of acute rheumatism. Health during pregnancy good except for sickness. Ante-natal supervision by own doctor since sixth month of pregnancy. Admitted thirty-six hours after the onset of labour. On admission pulse rate 108, slight cyanosis, cervix $\frac{3}{4}$ dilated and breech presenting. Manual breech delivery, under chloroform anaesthesia, ten hours later of a still-born child, weighing 9 lbs. The following day signs of acute cardiac failure were noted. Venesection performed on the second day of the puerperium, but she died that day. P.M. exam. showed acute and chronic endocarditis of mitral valve.   |
| Mitral stenosis.<br>Acute ulcerative endocarditis.<br>Pulmonary oedema.<br>Undelivered. | { 448<br>1036 | 27   | 1       | B         | 32        | —                 | Previous acute rheumatism at age of twenty-two. Ante-natal supervision by public health clinic since third month of pregnancy. First admission at thirty-second week of pregnancy with a history of having been well until two weeks previously when she had become very breathless and haemoptysis noted. On admission pulse rate 100, B.P. 186/95, no oedema, but heart showed signs of severe mitral stenosis. After six weeks she was dismissed much improved with normal blood pressure and apparently good compensation. Six days later she was readmitted moribund with signs of acute cardiac failure and pulmonary oedema. She died undelivered three hours later. P.M. exam. showed acute ulcerative and chronic endocarditis of both aortic and mitral valves and marked pulmonary oedema. |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|----------|------|---------|-----------|-----------|-------------------|---|
| Incomplete miscarriage.<br>Mitral stenosis.<br>Blood transfusion.<br>Death under anaesthesia. | 1554     | 34   | 10      | B         | 20        | —                 | No history of acute rheumatism. Health during pregnancy good. No ante-natal supervision. Patient admitted from district on account of incomplete miscarriage with bleeding, the foetus having been passed, but the placenta still being retained. On admission patient collapsed and cyanosed. Intravenous saline and blood transfusion given with marked improvement. Bleeding however continued, so operation considered advisable. Patient collapsed and died under chloroform and ether anaesthesia five minutes after commencement of operation. P.M. exam. showed chronic endocarditis of mitral valve.   |
| Mitral stenosis.<br>Aortic incompetence.<br>Acute ulcerative endocarditis.<br>Undelivered.    | 2332     | 23   | 1       | B         | 28        | —                 | Rheumatic fever at age of twenty-two. Ante-natal supervision by own doctor and admitted after two visits to hospital clinic. Health good till fifth month of pregnancy when breathlessness came on and has since gradually increased. On admission pulse rate 158, dyspnoea, orthopnoea, and oedema of ankles. Pulse rate 120 the following day and continued between 100 and 130. Temp. did not rise above 99° F. Signs of cardiac decompensation increased and she died undelivered fifteen days after admission. P.M. exam. showed chronic endocarditis of mitral and aortic valves and acute ulcerative endocarditis of mitral valve. Heart weighed 36 ozs. |
| Albuminuria.<br>Acute endocarditis and pericarditis.<br>Surgical induction.                   | 2333     | 23   | 1       | A         | 37        | —                 | No history of previous acute rheumatism. Ante-natal supervision at hospital clinic since fourth month of pregnancy. Slight headaches and slight sickness throughout pregnancy. Admitted from clinic on account of albuminuria and raised blood pressure. On admission B.P. 168/124, albumen 0.4 per cent., gross oedema of legs and abdominal wall. Condition failed to respond to treatment, the amount of albumen   |
| Uterine inertia.<br>Intrapartum sepsis.<br>Undelivered.                                       |          |      |         |           |           |                   |   |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks  |
|---|----------|------|---------|-----------|-----------|--------------------|--|
|   |          |      |         |           |           |                    | rising to 1.2 per cent., so ten days after admission membranes were artificially ruptured. Labour commenced a few hours later. The following day temp. rose to 120. Pains were slight and ineffectual from the onset of labour. Two days later abdomen became very distended, vomiting of coffee-ground material started, temp. rose to 101° F. and pulse rate to 140. On examination the cervix was found to be only about half dilated. A spinal anæsthetic was administered with a view to reducing the distension, but patient collapsed and died undelivered about fifteen minutes later. P.M. exam. showed pericarditis, acute ulcerative endocarditis of aortic and mitral valves, pleurisy and peritonitis.  |
| Sub-acute ulcerative endocarditis.<br>Pulmonary tuberculosis.<br>Abdominal hysterotomy.<br>Sterilisation. | 2924     | 22   | 1       | B         | 12        | —                  | No history of previous acute rheumatism. Ante-natal care by own doctor for two months. Admitted on reporting at hospital clinic. Health had been poor since she developed pulmonary tuberculosis two years previously. Artificial pneumothorax was being produced every three weeks. On admission temp. 98.6, pulse 114, general condition good, signs of collapse of left lung, but right lung apparently normal. Abdominal hysterotomy and sterilisation performed three days later. Slight reactionary elevation of pulse and temp. on following day, but puerperium otherwise satisfactory till the eighth day, when she had a sudden attack of respiratory distress accompanied by cyanosis. She died fifteen minutes later. P.M. exam. showed healed pulmonary tuberculosis of left lung, which was collapsed. Sub-acute ulcerative endocarditis of mitral valve and myocarditis. No evidence of embolism. |

| Nature of Case.                    | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|------------------------------------|----------|------|---------|-----------|-----------|--------------------|--|
| Acute ulcerative endocarditis.     | 3315     | 28   | 5       | B         | 28        | P                  | No history of previous acute rheumatism. Pyelitis in previous pregnancies. Ante-natal supervision by own doctor since third month of pregnancy. Health during pregnancy had been unsatisfactory, the main symptom being general weakness. Two weeks before admission onset of severe right-sided pain accompanied by attacks of shivering. Admitted on reporting at urological clinic. On admission temp. 98, pulse 120. Pale toxic appearance and urine contained pus and organisms. Treated by ureteral catheterisation. After fourteen days condition improved slightly and pulse, which had been ranging between 100 and 130, became steady about 100. One week later pulse again commenced to rise, so after a week the membranes were artificially ruptured and spontaneous delivery occurred seventeen hours later. On first day of puerperium temp. rose to 104.6° F. and pulse rate to 156. She died three days later, the pulse rate being 160 and the temp. 106° F. P.M. exam. showed acute suppurative pyelonephritis and acute ulcerative endocarditis of mitral valve. |
| Suppurative pyelonephritis.        |          |      |         |           |           |                    |  |
| Surgical induction.                |          |      |         |           |           |                    |  |
| Spont. delivery.                   |          |      |         |           |           |                    |  |
| Mitral stenosis.                   | 3533     | 32   | 3       | A         | 28        | —                  | History of rheumatism at twelve years of age. Ante-natal supervision by hospital clinic for two months. Health during pregnancy fairly good till sixth month when dyspnoea began. On admission, breathless, emaciated, slight cyanosis and slight oedema of ankles. Temp. 98.8° F. and pulse rate 112. On same day temp. rose to 100.2° F. and pulse rate to 148. Condition gradually deteriorated and she died from cardiac failure four days later. P.M. exam. showed sub-acute ulcerative endocarditis superimposed on old chronic endocarditis of mitral and aortic valves.  |
| Sub-acute ulcerative endocarditis. |          |      |         |           |           |                    |  |
| Undelivered.                       |          |      |         |           |           |                    |  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|----------|------|---------|----------|-----------|-------------------|---|
| Mitral stenosis.<br>Acute ulcerative endocarditis.<br>Central placenta prævia.<br>Cæsarean section.<br>Sterilisation. | 3757     | 39   | 10      | B        | 38        | —                 | Acute rheumatism at age of eleven. Ante-natal supervision by own doctor since sixth month of pregnancy. Breathlessness and palpitation for about three months. On day of first admission some vaginal haemorrhage. No further bleeding, so dismissed eight days later, having been diagnosed as slight accidental haemorrhage. Readmitted fourteen days later with fairly severe haemorrhage. On admission temp. 97, pulse rate 112. No oedema and general condition satisfactory. On examination found to be a case of central placenta prævia. Classical cæsarean section and sterilisation performed and later blood transfusion given as moderate blood loss had occurred before operation. Elevation of pulse rate and temp. which then settled, though fairly marked bronchitis present. On seventh day of puerperium wound gave way. Repaired under local anaesthesia. She died of cardiac failure the following day. P.M. exam. showed chronic mitral endocarditis and acute ulcerative endocarditis of aortic and mitral valves. |
| Acute pulmonary tuberculosis.<br>Complete miscarriage.  | 2        | 21   | 1       | B        | 17        | —                 | History of epileptiform seizures at menstrual periods since puberty. No ante-natal supervision during this pregnancy. Admitted on account of frequency of fits which had increased during pregnancy. On admission temp. 98.6, pulse 136. Patient was dazed and semi-conscious. Skin dry, lips dry and cracked, knee jerks exaggerated, and plantar reflexes normal. Examination of chest revealed no abnormal signs. Temp. ranged between 97.4° and 102° and pulse between 74 and 150. Lumbar puncture revealed slight excess of cells in cerebro-spinal fluids. Ureteral catheterisation excluded a urinary source of the trouble. Four and a half weeks after admission spontaneous complete miscarriage. Patient died the following day. P.M. revealed acute pulmonary tuberculosis of both lungs; head not examined.  |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|--|----------|------|---------|-----------|-----------|--------------------|---|
| Dissecting aneurysm of aorta.<br>Rupture of aorta.<br>Undelivered.                       | 1006     | 38   | 2       | B         | 37        | —                  | First pregnancy normal. Ante-natal supervision during this pregnancy by own doctor. Health during pregnancy good till four weeks prior to admission when breathlessness came on. On day before admission developed a sudden pain in back on breathing. On admission temp. 97°, pulse 100, respirations 24. Slight oedema of legs. B.P. 140/94. Well nourished but pale. On examination of chest signs of bronchitis and right-sided pleural effusion. Twenty-three hours later she suddenly collapsed with marked pallor of the face and died in a few minutes. P.M. exam. revealed dissecting aneurysm of the aorta, which had ruptured into the left pleural cavity.  |
| Bronchial carcinoma.<br>Spont. delivery.<br>Septic pneumonia.                            | 1778     | 38   | 5       | B         | 39        | P                  | Ante-partum bleeding with third pregnancy and four-month miscarriage with fourth. Ante-natal care during this pregnancy by public health clinic. Health during pregnancy very good. Admitted in labour from district on account of general debility and breathlessness. On admission temp. 97°, pulse 92, marked oedema of legs, B.P. 130/72. Thin and emaciated. Signs of enlargement of the liver. Spontaneous delivery four hours later. Pulse and temp. normal till fifth day of puerperium, when temp. rose to 102.6° and pulse to 130. She died on the eighth day of puerperium, pulse and temp. having continued high. P.M. exam. showed a bronchial carcinoma with metastases in the liver and pneumonic consolidation in both lungs. |
| Simmond's disease.<br>Spont. delivery.<br>Retained placenta.<br>Post-partum haemorrhage. | 4214     | 38   | 12      | B         | 38        | —                  | Nine previous full-time pregnancies and two six-month miscarriages. The placenta was retained with the last full-time pregnancy. Ante-natal supervision during this pregnancy by public health clinic. Vomiting occurred at sixth month   |

| Nature of Case. | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|-----------------|----------|------|---------|-----------|-----------|--------------------|---|
|                 |          |      |         |           |           |                    | and she was treated in another hospital, but was irregularly dismissed. Vomiting had been present intermittently since then. Yellowness of the skin had been present for five to six years. On admission temp. 98, pulse 88, well nourished but sallow complexion. No oedema of legs. B.P. 130/72. Urine contained acetone and diacetic acid but no albumen. Spontaneous onset of labour twenty-nine hours later followed by a spontaneous delivery of a child weighing 9 lbs. after a labour of eight hours duration. Moderate amount of bleeding occurred after the birth of the child and tentative attempts at expression of the placenta were unsuccessful. Pituitrin administered and intravenous saline commenced, but patient collapsed and died. The loss of blood was not enough to account for death. P.M. exam. revealed changes in the pituitary gland found in Simmond's disease. |

## 2. TOXÆMIAS.

|  |      |    |   |   |    |   |   |
|--|------|----|---|---|----|---|---|
| Intra-partum<br>eclampsia.<br>Forceps.<br>? Cerebral<br>haemorrhage. | 1207 | 27 | 1 | B | 30 | P | Patient had had no ante-natal care. Swelling of legs for four months, but otherwise well except for headache on day before admission. On day of admission suddenly took a fit which was followed by coma and three other fits before admission. On admission marked oedema of legs, unconscious, B.P. 210/150, urine loaded with albumen, temp. 100.6, pulse rate 88, pupils contracted. On vaginal examination cervix found to be two fingers dilated. Three more fits after admission and before delivery. Seven hours after admission forceps delivery. Temp. rose to 105 and pulse to 128. Died without regaining consciousness seventeen hours after delivery. P.M. exam. refused. |
|--|------|----|---|---|----|---|---|

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|---|----------|------|---------|-----------|-----------|--------------------|--|
| Ante-partum eclampsia.<br>Cerebral haemorrhage.<br>Undelivered. | 1255     | 24   | 1       | B         | 30        | —                  | No ante-natal care. Health during pregnancy good as far as could be ascertained. One hour before admission she suddenly took a fit. On admission unconscious, sterterous breathing, pupils moderately contracted and equal, marked oedema of legs, B.P. ?, urine loaded with albumen, temp. 97° and pulse 78. Two fits occurred after admission. She died without regaining consciousness two hours from time of admission. P.M. exam. revealed a cerebral haemorrhage, which had destroyed most of the right corpus striatum.   |
| Ante-partum eclampsia.<br>Breech.<br>Manual delivery.           | 1860     | 23   | 1       | B         | 39        | S                  | Ante-natal supervision by own doctor. Headaches and swelling of the legs for six months. On day of admission severe headache, dimness of vision, followed by eclamptic seizures, of which she had ten before admission. Output of urine had been diminished for some days. On admission marked oedema of legs. B.P. 148/110. Urine loaded with albumen, temp. 98.4° and pulse 104. Two more fits occurred within twenty-four hours of admission. B.P. rose to 190/125. Labour commenced three days after admission and during labour she had eight more fits. Manual breech delivery forty-one hours after the onset of labour. No further fits after delivery and B.P. fell to 136/90. Output of urine, which had been less than normal from time of admission, became much diminished on fifth day of the puerperium. She died on the twelfth day of the puerperium, temp. having reached 105 and the pulse rate 160. Drowsiness followed by coma was present for two days before death. P.M. exam. revealed signs of toxæmia and septic endometritis. |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|---|----------|------|---------|-----------|-----------|--------------------|---|
| Ante-partum<br>eclampsia.<br>Surgical induction.<br>Forceps.<br>Terminal<br>pneumonia.    | 2230     | 19   | 1       | B         | 39        | P                  | No ante-natal supervision. Admitted from first attendance at hospital clinic. Health during pregnancy good apart from swelling of legs for three months. On admission marked oedema of legs. B.P. 168/118. Urine contained albumen. Two parts Esbach. Despite intensive eliminative treatment condition did not improve and sixteen days after admission five eclamptic seizures occurred. Two days later medical induction given and membranes punctured. Fits commenced again twenty-three hours later and she had fourteen within the next twenty-six hours. Cervix fully dilated thirty-six hours after induction, so delivered by mid-forceps operation. Patient died eight hours after delivery. Temp. 106, pulse 160, and output of urine diminished before death. P.M. exam. revealed haemorrhages in the liver and a hypostatic pneumonia. |
| Post-partum<br>eclampsia.<br>Surgical induction.<br>Forceps.<br>? Pontine<br>haemorrhage. | 2354     | 34   | 1       | B         | 39        | —                  | Ante-natal supervision by own doctor. Swelling of legs had been present for four months. Three weeks before admission she had diminished output of urine, which improved with dieting. On admission marked oedema of legs, B.P. 198/112, urine loaded with albumen, temp. 98°, pulse 96. Medical induction unsuccessful, so four days after admission membranes punctured. Labour ensued fifteen hours later. Forceps delivery after fifteen hours labour, condition during labour having become steadily worse. Seven hours after delivery she suddenly took an eclamptic seizure and died five minutes later. No P.M. exam.   |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks  |
|--|----------|------|---------|-----------|-----------|-------------------|--|
| Ante-partum<br>eclampsia.<br>Classical cæsarean<br>section.                  | 2822     | 33   | 1       | B         | 28        | —                 | No ante-natal supervision. Health during pregnancy good till one week before admission, when headaches and swelling of the ankles commenced. Four hours before admission she had two eclamptic seizures. On admission marked oedema of legs, B.P. 170/106, urine loaded with albumen. Three more fits occurred within ten hours of admission. No more fits after day of admission, but B.P. rose to 210/136, output of urine became diminished and patient became very drowsy. Classical cæsarean section performed in view of the uncertainty of induction at this stage of pregnancy. Condition, however, did not improve, coma developed and she died twenty-one hours after operation. P.M. exam. showed signs of toxæmia and areas of cortical necrosis of the kidneys. |
| Intra-partum<br>eclampsia.<br>C.P.<br>Forceps.<br>? Cerebral<br>haemorrhage. | 3407     | 17   | 1       | B         | 40        | —                 | Ante-natal supervision by own doctor for some time. Swelling of legs for one month. Fits commenced five and a half hours before admission and they were five in all. On admission marked oedema of legs, some oedema of face, B.P. 150/90, urine loaded with albumen, temp. 98, pulse 80, and patient unconscious. On vaginal examination cervix found to be three-quarters dilated. Six more fits occurred before she was delivered by forceps five hours after admission. Three fits occurred within three hours of delivery. Condition did not improve; temp. rose to 105 and pulse to 164 before death, thirteen hours after delivery. No P.M. exam.   |
| Post-partum<br>eclampsia.<br>B.B.O.<br>Spont. delivery.                      | 4253     | 28   | 1       | B         | —         | —                 | No ante-natal supervision. Health during pregnancy good. Spontaneous delivery five hours before admission. Three hours after delivery fits commenced and three occurred before admission. On admission marked generalised oedema, B.P. 144/100, urine loaded with albumen and blood, temp.   |

| Nature of Case.  | Reg. No.       | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|--|----------------|------|---------|-----------|-----------|--------------------|--|
| Albuminuria.<br>Concealed<br>accidental<br>hæmorrhage.<br>Spont. delivery.<br>P.P.H.<br>Shock. | { 4302<br>1934 | 41   | 2       | B         | 32        | —                  | 97.8°, pulse 128, patient comatose and cyanosed. Seven further fits occurred after admission. Died twelve hours after admission, having been comatose between the fits. Partial P.M. exam. showed signs of toxæmia.<br>History of scarlet fever in childhood. One previous miscarriage at three months. Ante-natal care by own doctor. Sickness during first three months of pregnancy. One month before admission swelling of feet, hands and face. Slight frontal headache and occasionally spots before the eyes. Improved under treatment. On admission slight oedema of legs, B.P. 208/116, urine free from albumen. Eliminative treatment, but B.P. continued high, and slight albuminuria developed. Three weeks after admission labour ensued spontaneously. Patient delivered of a still-born child and $\frac{1}{2}$ lb. retroplacental clot was noted. Died from post-partum hæmorrhage and shock one hour after delivery. P.M. exam. showed sub-acute nephritis. |
| Mixed accidental<br>hæmorrhage.<br>Cortical necrosis of<br>kidneys.<br>Spont. delivery.        | 170            | 24   | 1       | B         | 30        | P                  | No previous kidney trouble. Ante-natal care by own doctor. Health during pregnancy good, except for puffiness of face for one week before admission. On day of admission moderate vaginal hæmorrhage occurred. On admission patient collapsed, temp. 98°, pulse 84 and of poor volume. Some oedema of ankles. B.P. 154/90. Urine loaded with albumen. Uterus tense and no foetal heart could be heard. Shock increased, so treated by morphia and intravenous salines. Cervix found to be two fingers dilated, so membranes punctured. Spontaneous delivery four and a half hours later. $1\frac{1}{4}$ lbs. retroplacental clot noted. Died on ninth day of the puerperium, having had almost complete suppression of urine during the puerperium. B.P. rose to 170/98 on day before death. P.M. exam. refused.   |

| Nature of Case.  | Reg. No. | Age | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks   |
|--|----------|-----|---------|-----------|-----------|--------------------|---|
| Mixed accidental haemorrhage.<br>Surgical induction.<br>Spont. delivery.           | 1177     | 34  | 1       | B         | 34        | —                  | Ante-natal care by own doctor throughout pregnancy. Health during pregnancy good. Slight swelling of legs and mild eye symptoms for fourteen days previous to admission. On day of admission vaginal bleeding, moderate in amount, accompanied by intermittent backache. On admission no oedema of legs, B.P. 200/120, urine loaded with albumen, temp. 99°, pulse 120. B.P. continued high and output of urine was less than normal, so surgical induction was performed five days later. Spontaneous delivery of macerated foetus two days after induction. She became very collapsed after delivery and died twenty-two hours later in spite of intravenous salines and lumbar puncture. She became comatose fourteen hours before death. P.M. exam. revealed liver changes similar to those found in eclampsia.   |
| Mixed accidental haemorrhage.<br>Spont. delivery.<br>Cortical necrosis of kidneys. | 1182     | 35  | 2       | B         | 34        | P                  | Swelling of feet, eye symptoms and premature labour with first pregnancy four years previously. Ante-natal care by own doctor. Health during pregnancy good till three weeks before admission when swelling of feet commenced. Swelling of face and hands for two days. Occipital headache on day before admission. Three hours before admission she commenced to have painless vaginal bleeding. On admission temp. 98°, pulse 100, pale, but not shocked, massive oedema of legs. B.P. 148/100, urine loaded with albumen. Spontaneous delivery of still-born child eight hours after admission. $\frac{1}{4}$ lb. retroplacental clot noted. Developed almost complete suppression of urine. Treated by intravenous salines and lumbar puncture. Died on sixth day of puerperium, having had sickness each day since delivery. P.M. exam. showed cortical necrosis of kidneys. |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|--|----------|------|---------|-----------|-----------|--------------------|---|
| Albuminuria.<br>Concealed<br>accidental<br>hæmorrhage.<br>Undelivered. | 2560     | 45   | 8       | B         | 40        | —                  | Ante-natal supervision by own doctor. No information regarding previous pregnancies. During this pregnancy, breathlessness and swelling of legs for three months. On day of admission she was stated to have had a series of fits. On admission marked oedema of legs and abdominal wall. B.P. 120/80, urine loaded with albumen, temp. 98°, pulse 132, cyanosed and semi-comatose. Coma gradually increased from time of admission and she died three days later. Output of urine moderately diminished. P.M. exam. revealed changes suggestive of nephritis and also the presence of retro-placental clot.  |
| Pyelonephritis.<br>Spont. delivery.<br>Curettage.                      | 14       | 33   | 4       | B         | 36        | P                  | Jaundice during second pregnancy and hydramnios with third. Ante-natal supervision during this pregnancy by public health clinic. Health during pregnancy good till six weeks prior to admission, when she began to have pain and frequency of micturition. Treated for two weeks in a Corporation Hospital, after which she was dismissed well. One week later vomiting commenced and gradually became severe. On admission temp. 98.6°, pulse 116. Well nourished, skin slightly jaundiced, tongue moist and clean, and urine contained acetone, pus and blood. Temp. and pulse varied between 97° and 100° and 90 and 150 respectively. Nine days after admission spontaneous delivery after a short labour. Condition, however, became worse after delivery, so uterus was digitally explored. She collapsed and died half an hour later. P.M. exam. revealed acute pyelonephritis of right kidney. |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|--|----------|------|---------|-----------|-----------|--------------------|---|
| Pyelonephritis.<br>Undelivered.  | 2014     | 37   | 2       | B         | 30        | —                  | History of pyelitis with first pregnancy seven years previously. Ante-natal supervision during this pregnancy by own doctor. Pain on micturition since onset of pregnancy and vomiting of five weeks duration. On admission temp. 98°, pulse 88. Poorly nourished, lips red and dry. Urine contained acetone, diacetic acid and a trace of bile. B.P. 120/60. Vomiting continued in spite of intravenous salines, so attempt at induction by bougies was made eight days later. She died undelivered eight hours after operation. P.M. exam. showed acute pyelonephritis of right kidney.   |
| Contracted pelvis.<br>Occipito-posterior.<br>Acute<br>pyelonephritis.<br>Surgical induction.<br>Manual rotation.<br>Forceps. | 3010     | 22   | 1       | A         | 40        | —                  | Ante-natal supervision by hospital clinic. Health during pregnancy good, apart from slight sickness in the early months. Admitted from ante-natal clinic on account of high blood pressure and contracted pelvis. On admission temp. 97°, pulse 108, slight oedema of ankles. B.P. 156/100. D.C. 4 ins. Four days later surgical induction of labour by artificial rupture of membranes. Labour commenced three hours after induction and lasted nineteen hours. During labour temp. rose to 103° and pulse to 160. At full dilatation of cervix vertex found to be in occipito-posterior position and in the mid-pelvis. Manual rotation and easy forceps delivery, followed by slight post-partum haemorrhage. Child weighed $8\frac{1}{2}$ lbs. and was still-born. After delivery she became very distressed and marked abdominal distension was noted. She died three hours after delivery in spite of stimulant treatment. P.M. exam. showed acute pyelonephritis of right kidney, the lesion being of at least forty-eight hours duration. |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks  |
|--|----------|------|---------|-----------|-----------|--------------------|--|
| Hyperemesis.<br>Surgical induction.<br>Undelivered.              | 387      | 28   | 2       | B         | 16        | —                  | Health good during first pregnancy. Ante-natal supervision by own doctor during this pregnancy. Since the second month, morning sickness, which gradually became worse, and had been persistent previous to admission. On admission temp. 98.8°, pulse 120. Well nourished, skin dry with slight icteric tinge, tongue red and dry. Slight tenderness in epigastrium. B.P. 120/70. Urine contained acetone and diacetic acid. Moderate improvement after treatment with intravenous glucose salines and insulin. Three weeks after admission condition began to deteriorate, sickness recommenced, so surgical induction by dilatation of the cervix and the bringing down of a foetal leg. Pulse rose to 160 and temp. to 105.6°. Died undelivered twenty-six hours after operation. P.M. exam. showed the usual changes associated with hyperemesis. |
| Hyperemesis.<br>Surgical induction.<br>Dilatation and curettage. | 1519     | 31   | 1       | B         | 10        | —                  | Ante-natal supervision by own doctor. Sickness commenced at the sixth week of pregnancy and had continued ever since. On admission temp. 98°, pulse 120. Marked emaciation. Scaphoid abdomen. Skin dry, but not jaundiced. Tongue dry and coated. B.P. 112/80. Urine contained acetone and diacetic acid. Pulse rate continued to rise and sickness continued in spite of intravenous glucose salines and insulin, so two days after admission, under gas and oxygen anaesthesia, the cervix was dilated and the uterus curetted. Did not respond and died eleven hours later. P.M. exam. showed usual changes associated with hyperemesis.  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|----------|------|---------|----------|-----------|-------------------|---|
| Hyperemesis.<br>Surgical induction.<br>Dilatation and<br>curettage. | 2611     | 24   | 3       | B        | 13        | —                 | First pregnancy normal. Second spontaneous miscarriage, following hyperemesis. Ante-natal supervision by own doctor. Sickness since seventh week of pregnancy, which became excessive two days before admission. On admission temp. 97°, pulse 120. Well nourished, skin dry, cheeks flushed, tongue furred. Urine contained acetone and diacetic acid. Pulse rate continued to rise and sickness continued in spite of salines and sedative treatment, so after three days cervix dilated and contents removed. Died four and a half hours after operation. P.M. exam. showed the usual changes associated with hyperemesis. |
| ? Toxæmia.<br>Undelivered.  | 3333     | 15   | 1       | B        | 16        | —                 | Ante-natal supervision by own doctor. Sickness since tenth week of pregnancy. Was one night in a County Hospital on account of "poisoned stomach." On admission temp. 100°, pulse 36, respirations 28. Well nourished, typhoid facies, generalised twitchings and muttering delirium. Urine contained a cloud of albumen. Stomach lavage revealed dark brown contents. Died fifteen hours after admission, having made no response to treatment. P.M. exam. (Fiscal) showed a slightly fatty liver and toxæmic kidneys and no evidence of irritant poison in stomach.   |
| B.B.O.<br>Forceps.<br>Sub-acute yellow<br>atrophy.                  | 1020     | 22   | 1       | B        | —         | P                 | Ante-natal care by own doctor. Health during pregnancy good. Four days before admission patient was delivered by forceps at a second attempt. Two days later she developed jaundice and had diminished output of urine. Jaundice became more intense and she lapsed into coma the following day. On admission temp. 99.6°, pulse 122, deep jaundice, unconscious. B.P. 120/80. Urine contained haze of albumen. Died twenty-five hours after admission, temp. being 106.6° and pulse 166 before death. P.M. exam. showed sub-acute yellow atrophy ? resulting from chloroform anaesthesia.                                    |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|--|----------|------|---------|-----------|-----------|--------------------|--|
| Late vomiting.<br>Hydramnios.<br>Breech.<br>Surgical induction.<br>Manual delivery.<br>Acidosis. | 4329     | 33   | 6       | B         | 40        | —                  | Previously four normal pregnancies and one four-month miscarriage. Ante-natal supervision during this pregnancy by own doctor. Health good till three weeks before admission when sickness commenced. On admission temp. 97°, pulse 84, respirations 20. Marked obesity. B.P. 148/106. Urine contained acetone and diacetic acid. Severe sickness followed admission and pulse rate rose to 136 two days later, so membranes punctured. Manual breech delivery, without anaesthesia, five hours after induction. Vomiting stopped, but pulse rate continued high, and she died thirty hours after delivery in spite of glucose salines. On P.M. exam. cause of death was thought to be acidosis. |

### 3. TRAUMA AND ACCIDENT.

|   |     |    |   |   |    |   |   |
|---|-----|----|---|---|----|---|---|
| Transverse.<br>Internal version.<br>Manual delivery.<br>Death under<br>anaesthesia. | 515 | 20 | 2 | B | 36 | — | First pregnancy full time, spontaneous delivery. Ante-natal supervision during this pregnancy by public health clinic. Health good throughout pregnancy. Membranes ruptured thirty-two hours before admission and pains started twenty hours later. On admission temp. 97°, pulse 90. General condition good. No oedema of legs. B.P. 100/60. Foetus presenting transversely. Cervix three fingers dilated and hand was prolapsed. Uterus firmly contracted round child. Under deep Ch.cl <sub>3</sub> and ether anaesthesia seven hours later, when fully dilated, internal version performed with great difficulty. Legs brought down and manual breech delivery performed. Patient collapsed and died just as foetal head was born. P.M. exam. revealed nothing of note except enlargement of thyroid gland. |
|---|-----|----|---|---|----|---|---|

| Nature of Case.   | Reg. No.     | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|---|--------------|------|---------|-----------|-----------|--------------------|---|
| Contracted pelvis.<br>Kypnosis.<br>Lower uterine<br>cæsarean section.<br>Obstetric shock. | { 464<br>976 | 28   | 1       | A         | 40        | —                  | Injury to spine at age of eight. Ante-natal supervision at hospital clinic. Health during pregnancy poor. Morning sickness in early months. Debility in later months. Admitted at thirty-third week of pregnancy to ante-natal wards on account of general debility. Dismissed much improved after four weeks. Readmitted from district in labour fourteen days later. On admission temp. 98.8°, pulse 96, general condition poor, no œdema of legs. B.P. 130/80. Moderately strong labour pains present. One hour later lower uterine cæsarean section performed under general anaesthesia. Two hours later she suddenly collapsed and died from obstetric shock. No bleeding had occurred after operation. P.M. exam. showed evidence of shock and tubercular kypnosis of spine.  |
| Occipito-posterior.<br>Post maturity.<br>Manual rotation.<br>Forceps.<br>Obstetric shock. | 1326         | 19   | 1       | B         | 42        | —                  | Ante-natal supervision by public health clinic. Health during pregnancy good except for occasional headaches. Admitted to ante-natal wards for investigation on account of history of blood-stained discharge. On admission temp. 97°, pulse 100, well nourished, highly coloured, no œdema of legs, B.P. 135/70. On vaginal examination no evidence of placenta prævia. Six days later spontaneous onset of labour. Evidence of foetal distress appeared after fifty-eight hours labour. On examination foetal head in mid-pelvic cavity in left occipito-posterior position and cervix fully dilated. Under general anaesthesia manual rotation of head and forceps delivery. Three hours after delivery patient suddenly collapsed, but improved after administration of two pints of saline intravenously. Two hours later she again collapsed and died, in spite of a further intravenous saline. P.M. exam. showed evidence of shock. |

| Nature of Case.  | Reg No | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis. | Remarks   |
|--|--------|------|---------|----------|-----------|--------------------|---|
| F.F.O.<br>Occipito-posterior.<br>Manual rotation.<br>Forceps.<br>Obstetric shock.  | 1533   | 24   | 1       | B        | 39        | —                  | Ante-natal supervision by own doctor. Health good during pregnancy. Forceps applied outside twenty-four hours after the onset of labour, but delivery could not be effected. On admission temp. 97.4°, pulse 108. Well nourished, general condition fair. On vaginal examination cervix almost fully dilated with foetal head in right occipito-posterior position in mid-pelvis. Delivery completed by manual rotation and forceps on account of foetal and maternal distress. She collapsed and died one hour after delivery. P.M. exam. showed signs of shock.   |
| Occipito-posterior.<br>F.F.I.<br>Craniotomy.<br>Manual removal of placenta.<br>Rupture of uterus.<br>Sub-total hysterectomy.<br>Obstetric shock. | 1536   | 26   | 4       | B        | 36        | —                  | Previous pregnancies full-time—one instrumental delivery—all large children. Ante-natal supervision by public health clinic. Health during pregnancy good. Admitted eleven hours after the onset of labour. On admission temp. 99.8°, pulse 124. Frequent strong pains, vertex presenting in mid-pelvis in right occipito-posterior position and cervix fully dilated. Attempt at delivery by manual rotation and forceps was unsuccessful. Craniotomy performed and child, weighing 10 lbs., delivered with difficulty. Placenta was manually removed at which stage the uterus was found to be ruptured in the lower segment. Sub-total hysterectomy performed. Patient died from shock one hour later. P.M. exam. showed signs of shock. |
| Albuminuria.<br>Prolonged labour.<br>Forceps.<br>Pontine haemorrhage.  | 1739   | 20   | 1       | B        | 39        | —                  | No ante-natal supervision. Health during pregnancy good, except for swelling of legs for one week prior to admission. On admission moderate oedema of ankles. B.P. 145/80, urine contained albumen, one part Esbach. On vaginal examination cervix found to be three fingers dilated. Slow dilatation of cervix, which continued for four days before full dilatation resulted. When foetal head appeared at the outlet she   |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|--|----------|------|---------|-----------|-----------|--------------------|--|
| Occipito-posterior.<br>Prolonged labour.<br>Trachelotomy.<br>Manual rotation.<br>Forceps.<br>Death under<br>anaesthesia.<br>Obstetric shock. | 2184     | 37   | 2       | B         | 40        | —                  | was delivered by forceps under spinal anaesthesia. One and a half hours after delivery she suddenly developed generalised twitchings, became cyanosed and showed signs of respiratory failure. Death occurred three hours later in spite of stimulant measures. P.M. exam. revealed extensive pontine haemorrhage.   |
| Breech.<br>Manual delivery.<br>Rupture of uterus.  | 2755     | 30   | 6       | B         | 40        | —                  | One previous pregnancy, when delivery effected by high forceps operation. Ante-natal supervision by own doctor. Health during pregnancy good. Admitted from Western Isles five days after the onset of labour and two days after the rupture of membranes. Manual dilatation of the cervix had been attempted outside. On admission temp. 99°, pulse 128. Stout plethoric patient. Evidence of shock. Pains strong and frequent, cervix thick and only half dilated. Shock treated and four hours later, under general anaesthesia, cervix incised and child weighing 9 $\frac{3}{4}$ lbs. delivered by forceps after manual rotation. Just as head was being delivered patient collapsed and died. P.M. exam. showed evidence of shock. |

| Nature of Case.   | Reg. No.       | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks  |
|---|----------------|------|---------|-----------|-----------|-------------------|--|
| Congenital syphilis.<br>High blood pressure.<br>Rupture of uterus.<br>Internal version.<br>Manual breech. | { 2320<br>3438 | 29   | 7       | A         | 33        | S                 | First pregnancy twins—children lived three weeks. Second to fifth pregnancy all miscarriages. Sixth pregnancy full-time, spontaneous delivery, child still-born. Antenatal supervision during this pregnancy by hospital clinic. Sickness in the early months of pregnancy, headaches and breathlessness in the later months. Admitted to hospital at twentieth week for observation. Dismissed one week later. Readmitted complaining of severe headache and visual disturbance. On admission B.P. 140/114, slight oedema of ankles, urine free from albumen. Six weeks later spontaneous onset of labour. Ten hours after the onset of labour pulse rate rose to 160 and head was still high. Patient anaesthetised and on examination the foetal head was found to have swung to the side of the pelvic inlet through a rupture in the lower segment. The legs were brought down and a still-born child, weighing $9\frac{1}{4}$ lbs., delivered. Uterus contracted well and placenta spontaneously delivered. Patient too ill to consider abdominal operation. She died two days later without showing the signs of excessive blood loss. P.M. exam. showed rupture of the uterus. Very early peritonitis. |
| B.B.O.<br>Spont. delivery.<br>Cerebral thrombosis.  | 4189           | 41   | 5       | B         | —         | P                 | Four previous normal pregnancies. No ante-natal supervision during this pregnancy. Normal delivery on district nine days before admission. Puerperium normal except for slight headaches till tenth day, when she suddenly commenced to fit and became unconscious. She had six fits before admission. On admission temp. $101^{\circ}$ , pulse 160, no oedema of ankles. B.P. 146/90, urine contained albumen, blood and casts. Unconscious. Pupils small, but dilated, during fits which were epileptiform in type. Lumbar puncture revealed clear fluid under normal pressure. Three hours after admission paralysis of left side of  |

| Nature of Case. | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|-----------------|----------|------|---------|-----------|-----------|--------------------|--|
|                 |          |      |         |           |           |                    | face noted. Thirteen fits occurred within six hours of admission and none following that. Temp. rose to $106^{\circ}$ before death, which occurred fifteen hours after admission. P.M. exam. revealed thrombosis and haemorrhagic softening of the right frontal lobe of doubtful aetiology. |

#### 4. HÆMORRHAGES.

|   |      |    |   |   |    |   |  |
|---|------|----|---|---|----|---|--|
| Mixed accidental haemorrhage.<br>Blood transfusion.<br>Perforation and forceps.<br>Post-partum haemorrhage.                         | 2821 | 37 | 6 | B | 40 | — | No history of previous pregnancies available. No ante-natal supervision during this pregnancy. Four hours prior to admission she was seized with sudden onset of abdominal pain accompanied by bleeding. On admission collapsed, temp. $97^{\circ}$ , pulse 92, and of very poor quality, oedema ? and blood pressure ? Blood transfusion two hours after admission. One hour later the cervix almost fully dilated, haemorrhage still present. Delivery effected by perforation and forceps. Half-an-hour after delivery sudden onset of severe post-partum haemorrhage due to atony of the uterus, which would not respond to stimulation, with resulting death. P.M. exam. revealed signs of toxæmia. |
| Mixed accidental haemorrhage.<br>Transverse.<br>Internal version.<br>Manual breech.<br>Post-partum haemorrhage.<br>Obstetric shock. | 3090 | 32 | 4 | B | 39 | — | Still-births occurred in two previous pregnancies. No ante-natal supervision during this pregnancy. Health during pregnancy good. On day of admission sudden onset of profuse vaginal haemorrhage accompanied by severe abdominal pain. On admission marked oedema of legs, very collapsed, temp. $98.6^{\circ}$ , pulse 112, and urine contained albumen. Blood transfusion given and one hour later, after internal version, child delivered manually. Following delivery another blood transfusion given, but post-partum haemorrhage continued, and she died from obstetric shock five and a half hours from time of admission. P.M. exam. showed signs of toxæmia.                                  |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks.   |
|--|----------|------|---------|----------|-----------|-------------------|--|
| Mixed accidental haemorrhage.<br>Incomplete rupture of uterus.<br>Spont. delivery.<br>Blood transfusion.<br>Obstetric shock. | 3208     | 44   | 7       | B        | 28        | —                 | Health during previous pregnancies good. No ante-natal supervision during this pregnancy, but health good. Labour commenced twelve hours before admission and two hours later vaginal bleeding commenced. On admission slight oedema of ankles, B.P. 120/80, urine contained albumen, temp. 98.6° and pulse 128. Treated by intravenous saline and morphia. Eleven hours after admission spontaneous delivery of macerated foetus, followed by blood transfusion. Patient died from extreme shock six hours after delivery. P.M. exam. revealed haemorrhages throughout the uterine wall and a rupture of the uterus into the right broad ligament.  |
| Mixed accidental haemorrhage.<br>Blood transfusion.<br>Obstetric shock.<br>Undelivered.                                      | 4370     | 30   | 2       | B        | 32        | —                 | Excessive sickness during first pregnancy. No ante-natal supervision during this pregnancy. Marked sickness has been present throughout. Ten days before admission swelling of legs, which cleared up. One week before admission severe frontal headaches and flashes of light before the eyes. On day of admission she had a sharp vaginal haemorrhage with spasmodic abdominal pain, since the onset of which she had been blind. On admission no evidence of oedema, B.P. 112/80, urine loaded with albumen, moderately collapsed, temp. 98°, pulse 80, uterus tense and tender. Shock and eliminative treatment given. Nine hours later as foetal head appeared at the outlet she suddenly became very collapsed. Intravenous saline and blood transfusion immediately given. Pulse and respirations became established. She again collapsed and died half-an-hour after the transfusion. P.M. exam. revealed severe haemorrhage into uterus broad ligaments, ovaries and pelvic peritoneum. |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.   |
|--|----------|------|---------|-----------|-----------|--------------------|--|
| Partial placenta prævia.<br>External version.<br>Leg brought down.<br>Undelivered. | 1175     | 26   | 2       | B         | 33        | —                  | Previously one full-time pregnancy and instrumental delivery. Ante-natal supervision by public health clinic. Occasional sickness during pregnancy. No bleeding till day of admission when a slight but constant haemorrhage started. On admission temp. 97, pulse 122, good colour, no evidence of collapse, and only very slight bleeding. Bleeding stopped, but recommenced fourteen days later. Vaginal examination revealed cervix to be three fingers dilated, placenta half covering the os, and the vertex presenting. External version performed and leg brought down to control the bleeding. Patient very ill and shocked. Blood transfusion given, but patient did not respond, and died as transfusion was being completed. P.M. exam. showed partial placenta prævia and pulmonary emboli. |
| Partial placenta prævia.<br>Internal version.<br>Undelivered.                      | 3576     | 34   | 2       | B         | 36        | —                  | First pregnancy full-time—instrumental delivery. Ante-natal supervision at public health clinic. Health during pregnancy good. Three hours before admission slight vaginal bleeding commenced and pains started a short time later. On admission temp. 97°, pulse 104, well nourished, no evidence of collapse. Slight oedema of legs and bleeding had now stopped. Six days after admission pains, accompanied by severe haemorrhage commenced. Internal version performed and leg brought down. After operation, colour poor, but pulse satisfactory. One hour later she suddenly collapsed and died before an intravenous saline or blood transfusion could be given. The placenta came down to the edge of the os and the cervix was three fingers dilated. No P.M. exam.                            |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|---|----------|------|---------|-----------|-----------|--------------------|---|
| B.B.O.<br>Spont. delivery.<br>Retained placenta.<br>Post-partum<br>haemorrhage.               | 547      | 28   | 6       | B         | —         | —                  | Previously four normal pregnancies and one five-months' miscarriage. No ante-natal supervision during this pregnancy. Health during pregnancy good. Spontaneous delivery on district after labour lasting six hours. Placenta was retained and severe post-partum haemorrhage occurred. On admission temp. 96.8°, pulse 130, and of very poor quality. Collapsed, placenta not separated, and slight vaginal bleeding. Intravenous saline given while waiting for a blood donor. Much improved after saline, but again became very collapsed just as donor had been secured. She died six hours after admission before the transfusion could be given. P.M. exam. showed the placenta to be still adherent, but only normally so. |
| B.B.O.<br>Spont. delivery.<br>Retained placenta.<br>Post-partum<br>haemorrhage.               | 1610     | 25   | 3       | B         | —         | —                  | No history of abnormality in previous pregnancies. No ante-natal supervision during this pregnancy. Headaches, visual disturbance and swelling of feet during pregnancy. Spontaneous delivery on district after four and a half hours labour, and before arrival of nurse one hour before admission. Placenta retained and severe post-partum haemorrhage occurred. On admission temp. sub-normal, pulse imperceptible, collapsed, restless, and marked oedema of legs. She died one hour after admission. An intravenous saline could not be given as patient was extremely restless. P.M. exam. revealed placenta still adherent, but only normally so.   |
| Twins.<br>Adherent placenta.<br>Manual removal of<br>placenta.<br>Post-partum<br>haemorrhage. | 1943     | 25   | 1       | B         | 35        | —                  | Ante-natal supervision by public health clinic. Well during pregnancy apart from sickness in the early months. Admitted in second stage of labour. On admission temp. 97°, pulse 96. General condition fairly good, cheeks somewhat pale. Spontaneous twin delivery, infants weighing 5 and 3½ lbs. respectively. There were three hours between delivery of  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|---|----------|------|---------|-----------|-----------|--------------------|---|
| B.B.O.<br>Spont. delivery.<br>Retained placenta.<br>P.P.H.  | 2214     | 27   | 1       | B         | —         | —                  | first and second child. Placenta was retained and moderate post-partum haemorrhage occurred. Manual removal of a very adherent placenta seven hours after the second delivery. Intravenous saline given on account of collapse. Five hours later she again collapsed and died in spite of restorative measures. P.M. exam. showed cause of death to be haemorrhage. Ante-natal supervision by public health clinic. Child born on district after eleven hours labour. Placenta was retained and a fair amount of post-partum haemorrhage had occurred. Health during pregnancy good as far as could be ascertained. On admission temp. 98.4°, pulse 136, and of very poor quality. Very collapsed. Three intravenous salines given while efforts were being made to secure a compatible donor. A donor could not be secured and patient died six and a half hours after admission. P.M. exam. showed death to be due to haemorrhage. Placenta still adherent, but only normally so. Placenta accreta noted. |
| B.B.O.<br>Spont. delivery.<br>Retained placenta.<br>Manual removal of placenta.<br>Post-partum haemorrhage. | 3730     | 33   | 9       | B         | —         | —                  | Previously eight full-time pregnancies, with post-partum haemorrhage in last two. Ante-natal supervision during this pregnancy by public health clinic. Health during pregnancy fairly good. Spontaneous delivery on district after two and a half hours labour. Severe bleeding occurred during third stage of labour. Patient brought into hospital. On admission temp. sub-normal, pulse almost imperceptible, collapsed, general debility. As bleeding still continued placenta manually removed under gas and oxygen anaesthesia. The placenta was only normally adherent. No further bleeding occurred, but she suddenly collapsed one hour after operation. An intravenous saline was started. P.M. exam. showed the cause of death to be haemorrhage.   |

| Nature of Case.  | Reg. No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks  |
|--|----------|------|---------|----------|-----------|-------------------|--|
| Hydatidiform mole.<br>Surgical induction.<br>Blood transfusion.<br>Evacuation of uterus. | 1287     | 15   | 1       | B        | 12        | —                 | No ante-natal supervision. Morning sickness for six weeks. Two hours before admission vaginal bleeding commenced and had since continued. Slight intermittent pain was also present. On admission temp. 97.6°, pulse 100. Pale, but not collapsed, uterus size of six month's pregnancy. B.P. 160/75, and urine contained albumen. Bleeding stopped, but recommenced three days later. The cervix was dilated and packed with gauze, following which blood transfusion given. Temp. rose to 104.8° and pulse to 140 after operation. Following day, under gas and oxygen anaesthesia, a large hydatidiform mole was removed from the uterus. She died three hours after the operation. P.M. exam. showed cause of death to be haemorrhage. |
| Complete miscarriage.<br>Post-partum haemorrhage.  | 1692     | 20   | 1       | B        | 19        | —                 | No ante-natal supervision during pregnancy. Health during pregnancy good. On day of admission incomplete miscarriage after which placenta manually removed by own doctor. Severe post-partum haemorrhage occurred, so patient sent to hospital. On admission temp. sub-normal, pulse imperceptible, extremely restless, some vaginal bleeding. Intravenous saline commenced, but she died within half an hour of admission. P.M. exam. showed cause of death to be haemorrhage.  |

## 5. SEPSIS.

|   |      |    |   |   |    |   |  |
|---|------|----|---|---|----|---|--|
| Contracted pelvis.<br>F.F.I.<br>Caesarean section.<br>Pyelonephritis.<br>Peritonitis. | 1587 | 36 | 3 | A | 35 | S | First pregnancy full-time, delivered by caesarean section. Second pregnancy three-months miscarriage. Ante-natal supervision at hospital clinic since fourth month of pregnancy. Health during pregnancy not very good. Admitted |
|---|------|----|---|---|----|---|--|

| Nature of Case.   | Reg No. | Age. | Parity. | Category | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|---------|------|---------|----------|-----------|-------------------|---|
| Hydrocephalus.<br>Rupture of uterus.<br>Perforation of a.c.<br>head.<br>Retained placenta.<br>Sub-total<br>hysterectomy.<br>Generalised<br>peritonitis. | 1736    | 36   | 4       | B        | 40        | S                 | on account of debility and previous operation. On admission temp. $97.2^{\circ}$ , pulse 80, no oedema of legs, slight bronchitis, general debility. B.P. 135/80, and urine contained a trace of albumen. During stay in hospital patient cystoscoped and ureters catheterised. Grossly infected urine from both ureters. Spontaneous onset of labour two weeks after admission. Foetal distress appeared after a short labour. As cervix almost fully dilated, and as previous child had died, forceps delivery was tentatively attempted. The cervix contracted whenever traction was made, so forceps taken off and classical caesarean section performed. Temp. rose to $100.6^{\circ}$ and pulse to 120 on second day of puerperium. She died on fifth day of puerperium in spite of intravenous salines. P.M. exam. showed acute generalised peritonitis, multiple abscesses in right kidney and pyonephrosis in left. No organism could be cultivated. |
|   |         |      |         |          |           |                   | No history of difficulty with previous pregnancies. Ante-natal supervision during this pregnancy by own doctor. Health during pregnancy good. On admission temp. $99.2^{\circ}$ , pulse 120. Well nourished. General condition satisfactory. Hydrocephalic child born to head which had been impacted. Delivery completed by perforation of the head. Placenta was retained and during manual removal a rupture of the uterus was found. Sub-total hysterectomy performed and intravenous saline given. She died from generalised peritonitis four days later. P.M. exam. showed generalised peritonitis.   |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|---|----------|------|---------|-----------|-----------|--------------------|---|
| Contracted pelvis.<br>Repeat classical caesarean section.<br>Sterilisation.<br>Peritonitis.<br>Pulmonary abscess. | 2181     | 33   | 2       | A         | 39        | S                  | Cæsarean section for first delivery on account of contracted pelvis. D.C. $3\frac{3}{4}$ ins. Ante-natal supervision during this pregnancy by hospital clinic. Health during pregnancy good. Admitted from clinic before the onset of labour. On admission general condition satisfactory. Two days later repeat classical caesarean section and sterilisation performed. On second day of the puerperium temp. $99.4^{\circ}$ and pulse 136. On the fourth day the lower end of the wound broke down and was repaired. Temp. and pulse settled to normal on eighth day of the puerperium, after which pulse rate rose to 148 and temp. commenced to vary between $100.4^{\circ}$ and $97.8^{\circ}$ . Wound commenced to discharge pus and a cough, accompanied by foul smelling sputum, developed. She died on thirty-second day of puerperium. P.M. exam. showed generalised peritonitis, subphrenic abscess, and pulmonary abscess. |
| Transverse.<br>Ruptured uterus.<br>Sub-total hysterectomy.<br>Broncho-pneumonia.<br>Generalised peritonitis.      | 3504     | 41   | 4       | B         | 42        | S                  | Previously three normal full-time pregnancies. Ante-natal supervision by own doctor during this pregnancy—health good. Labour commenced nine hours before admission and an arm prolapsed. Attempt outside made to replace arm unsuccessful. On admission temp. $97^{\circ}$ , pulse 120, marked oedema of legs, B.P. 130/82, slight vaginal bleeding. Transverse presentation with prolapsed arm. On vaginal examination under anaesthesia a rupture of the lower uterine segment found. Sub-total hysterectomy performed, foetus and placenta having been free in abdominal cavity. Blood transfusion given during operation. She died on the fifth day of the puerperium. P.M. exam. showed generalised peritonitis, bronchopneumonia.  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|----------|------|---------|-----------|-----------|-------------------|---|
| Contracted pelvis.<br>R.O.P.<br>Manual rotation.<br>Low forceps.<br>Peritonitis.          | 3608     | 23   | 1       | A         | 41        | S                 | Ante-natal supervision at hospital clinic. Health during pregnancy good. Admitted from hospital clinic on account of post maturity. On admission general condition good, vertex presenting in right occipito-posterior position. D.C. $4\frac{1}{2}$ ins. Medical induction given. Labour ensued seven hours later and continued for four and a half days before cervix was fully dilated. At the stage of almost full dilatation of the cervix the membranes were artificially ruptured and the vertex rotated into an occipito-anterior position. Six hours later delivery completed by low forceps operation, the head having been at the outlet. Pulse and temp., which had been normal throughout labour, rose to 140 and $100^{\circ}$ respectively the following day, when she died. Before death signs suggestive of generalised peritonitis had developed. No P.M. exam. |
| Contracted pelvis.<br>Repeat classical cæsarean section.<br>Sterilisation.<br>Septicæmia. | 3965     | 25   | 2       | A         | 40        | S                 | First delivery by cæsarean section on account of contracted pelvis. D.C. $3\frac{3}{4}$ ins. Ante-natal supervision during this pregnancy at hospital clinic. Health during pregnancy good. Admitted from hospital clinic to ante-natal wards. On admission general condition satisfactory, vertex presenting some disproportion. Two days later at onset of labour classical cæsarean section and sterilisation performed. On the following day temp. rose to $100^{\circ}$ and pulse to 104, after which a swinging temp. varying between $97.4^{\circ}$ and $103.4^{\circ}$ and pulse rate of 140 developed. Blood transfusion given on sixth day of puerperium with only temporary improvement. She died on eighth day of the puerperium. P.M. exam. showed generalised peritonitis, empyæma, septicæmia.   |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Fyrexia or Sepsis | Remarks   |
|---|----------|------|---------|-----------|-----------|-------------------|---|
| Chronic endocarditis.<br>Arterio sclerosis.<br>Spont. delivery.<br>Septic thrombosis.<br>Pulmonary infarctions. | 482      | 41   | 9       | B         | 40        | S                 | No history of previous acute rheumatism. Health during pregnancy fairly good except for some breathlessness. Ante-natal supervision by public health clinic. Admitted in labour. On admission B.P. 170/110. Cardiac enlargement noted. Pulse rate 112 and no oedema of ankles. Spontaneous delivery four and a half hours later. During first five days of puerperium, elevation of temp. and pulse rate which settled for three days, and then the pulse rate commenced to rise again. On the eleventh day of the puerperium she had a sudden attack of cyanosis and breathlessness and on the following day signs of infarction were noted in the left side of the chest. She died on the seventeenth day of the puerperium, the temp. having again risen on the fifteenth day. P.M. exam. showed cardiac enlargement and chronic endocarditis of mitral valve. Arterio sclerosis. Left-sided pulmonary infarctions. Septic thrombosis of right ovarian vein Organism—haemolytic streptococci |
| Spont. delivery.<br>Salpingitis.<br>Generalised peritonitis.  | 2001     | 29   | 2       | B         | 39        | S                 | Well during first pregnancy six years previously. Ante-natal supervision during this pregnancy by public health clinic. She was admitted from district in the first stage of labour on account of excessive restlessness and tenseness of the uterus, suggestive of a concealed haemorrhage, which came on five hours after the onset of labour. On admission temp. 100.4°, pulse 120, respirations 36. Abdomen somewhat tense and tender. Patient complaining of severe aching pain in the abdomen. Spontaneous delivery four hours after admission, and no retro-placental clot. On first day of puerperium pulse rate fell to 100 and temp. to 97°. On second day of puerperium pulse 160 and temp. 98.4°. Slight abdominal distension and tenderness noted. She died  |

| Nature of Case.   | Reg. No. | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis | Remarks   |
|---|----------|------|---------|-----------|-----------|-------------------|---|
| Inevitable miscarriage.<br>Surgical induction.<br>Blood transfusion.<br>Pyæmia. | 25       | 31   | 4       | B         | 20        | S                 | on the fourth day of the puerperium, the temp. having risen to $105.6^{\circ}$ and pulse rate to 170. P.M. exam. showed right-sided salpingitis and generalised peritonitis. Organisms—B. eoli and non-hæmolytic streptococci.  |
| Incomplete abortion.<br>Digital curettage.<br>Pyæmia.                           | 186      | 40   | 7       | B         | 9         | S                 | Previously three normal pregnancies. Ante-natal supervision by own doctor during this pregnancy. Health good till third month when attacks of vaginal haemorrhage came on. Admitted from district as case with inevitable miscarriage. Surgical induction by tents ten days after admission, followed by complete miscarriage thirty-six hours later. Developed a swinging temp. and pulse, varying between $97^{\circ}$ and $104^{\circ}$ and 80 and 150 respectively. General treatment— intra-uterine glycerine, intravenous euflavine and anti-streptococcal serum given. Patient died on sixteenth day of puerperium. P.M. exam. revealed pelvic peritonitis, uterine sepsis, pulmonary abscess and empyæma. Organism—anærobic streptococci.   |
|   |          |      |         |           |           |                   | Previously six normal pregnancies. No ante-natal supervision during this pregnancy. Health good till day of admission when she had a sudden and severe vaginal bleeding. On admission temp. $96.6^{\circ}$ , pulse 112, and of poor quality, collapsed, very restless, respirations shallow, and sighing. Digital curettage following day revealed foul smelling contents. On fourth day of the puerperium temp. rose to $105^{\circ}$ and pulse to 110 and signs of a septic pneumonia developed. Repeated blood culture was negative. She died on nineteenth day of puerperium despite general and serum treatment. P.M. exam. showed septic thrombosis of right ovarian vein and septic pneumonia. Organisms—B. coli and hæmolytic streptococci. |

| Nature of Case.  | Reg. No.       | Age. | Parity. | Category. | Maturity. | Pyrexia or Sepsis. | Remarks.  |
|--|----------------|------|---------|-----------|-----------|--------------------|---|
| Incomplete abortion.<br>Digital eurettage.<br>Septicæmia                                   | 2826           | 47   | 10      | B         | ?         | S                  | Nine normal pregnancies previously. No ante-natal supervision during this pregnancy. Patient had a three-months incomplete abortion four weeks previously. Slight intermittent bleeding from that time. Sudden and severe bleeding on day of admission. On admission temp. 97.6°, pulse 120, and of very poor quality. Marked degree of collapse. Two hours later digital eurettage of a septic incomplete abortion without anaesthesia. Following day temp. rose to 104° and pulse to 144 before she died. P.M. exam. revealed evidence of uterine sepsis and septicæmia.  |
| B.B.O.<br>Syneope.<br>Septicæmia.<br>Blood transfusion                                     | { 4367<br>1934 | 33   | 8       | B         | —         | S                  | Under ante-natal care at Corporation clinic. Previous pregnancies normal. Patient had spontaneous delivery before admission after a labour lasting one and a half hours. Sent into hospital on account of a fainting spell. On admission temp. 99°, pulse 112. Face puffy and slight oedema of ankles. Developed swinging temp. and pulse. Blood culture repeatedly negative. Exploration of uterus revealed no abnormality. Blood transfusion given. Died from sepsis thirty-two days after admission. P.M. exam. showed septicæmia, lung abscess. Organism — haemolytic streptococcus.  |
| B.B.O.<br>Retained placenta.<br>Manual removal.<br>Post-partum haemorrhage.<br>Septicæmia. | 853            | 28   | 1       | B         | —         | S                  | Ante-natal supervision by own doctor. Health during pregnancy good. Spontaneous delivery on district before the arrival of a nurse after a labour lasting twelve hours. Brought into hospital on account of retained placenta and post-partum haemorrhage. On admission temp. 98° pulse 146, collapsed, and placenta still retained. Blood transfusion given following which placenta was manually removed. Temp. rose to 102° and pulse to 130 on first day of puerperium. The following day temp. rose to 103.6° and pulse to 160. She died on the fifth day of the puerperium, having shown signs of early broncho-pneumonia. P.M. exam. showed septicæmia, early broncho-pneumonia. Swab of vagina showed degenerate cocci and B. coli. |

## STILL-BIRTHS AND NEO-NATAL DEATHS.

1. *Still-births.*

The total number of still-births in the indoor cases during the year was 443. Since the total number of viable children born was 3,306, this gives an incidence of still-birth of 13.4 per cent.

In the outdoor department the total number of still-births was 107, giving an incidence rate of 2.3 per cent.

2. *Neo-natal Deaths.*

The total number of neo-natal deaths was 331. The number of live-born children being 2,863, this gives an incidence of neo-natal death of 11.6 per cent. ; 79 of the neo-natal deaths occurred during the first day (equal to 23.9 per cent. of all neo-natal deaths). If these cases are deducted from the total, there remain 252 cases, giving a neo-natal death-rate of 8.8 per cent.

## PUERPERAL FEVER AND PUERPERAL PYREXIA.

The following tables have been prepared from the records of Hospital cases who developed puerperal fever or puerperal pyrexia while in the wards.

The standard used was that of the Department of Health which defines puerperal pyrexia as any febrile condition (other than a condition which is required to be notified as puerperal fever) occurring in a woman within 21 days after childbirth or miscarriage, in which a temperature of 100.4° F. or more has been sustained during a period of 24 hours or has recurred during that period. In order to obtain more accurate figures, elevations of temperature occurring immediately after delivery, miscarriage or abortion are included, and all temperatures have been taken from four-hourly records.

The puerperal sepsis table gives the distribution of cases in the two categories and indicates the mode of delivery in the cases in which sepsis was found.

The puerperal pyrexia table indicates the various causes of pyrexia. The large number of cases of pyrexia of unknown origin indicates the difficulty experienced in determining the origin of the febrile disturbance and the need for complete clinical and bacteriological examinations in all such cases.

Details of the cases who died of puerperal sepsis are to be found in the section on maternal deaths.

*Puerperal Sepsis and Pyrexia.*

| Mode of Delivery.       | Sepsis. |         | Pyrexia. |         | Total.  |
|-------------------------|---------|---------|----------|---------|---------|
|                         | Cat. A. | Cat. B. | Cat. A.  | Cat. B. |         |
| Spontaneous             | 20      | 14      | 41       | 49      | 124     |
| Forceps                 | 12      | 21      | 14       | 26      | 73      |
| Cæsarean section        | 5       | 4       | 31       | 18      | 58      |
| Abortion                | 1       | 15      | 3        | 10      | 29      |
| Breech, manual          | —       | 3       | —        | —       | 3       |
| Craniotomy              | —       | 2       | —        | 2       | 4       |
| Abdominal hysterotomy   | —       | 1       | 2        | 2       | 5       |
| Hysterectomy            | —       | 2       | 1        | —       | 3       |
| Laparotomy              | —       | —       | —        | 2       | 2       |
| Version                 | —       | 2       | 1        | 2       | 5       |
| Perforation and Forceps | 1       | 2       | —        | 1       | 4       |
| B.B.O.                  | 1       | 7       | 3        | 12      | 23      |
| <br>Totals              | <br>40  | <br>73  | <br>96   | <br>124 | <br>333 |

*Puerperal Pyrexia.*

| Cause of Pyrexia.         | Cat. A. | Cat. B. | Total.  |
|---------------------------|---------|---------|---------|
| Pyrexia of unknown origin | 37      | 46      | 83      |
| Mastitis                  | 21      | 17      | 38      |
| Urinary infection         | 6       | 10      | 16      |
| Bronchitis                | 17      | 13      | 30      |
| Influenza                 | 6       | 4       | 10      |
| Pneumonia                 | 6       | 8       | 14      |
| Toxæmia                   | —       | 16      | 16      |
| Wound sepsis              | 1       | 1       | 2       |
| Pulmonary tuberculosis    | 1       | 2       | 3       |
| Appendicitis              | —       | 1       | 1       |
| Tonsillitis               | —       | 3       | 3       |
| Abscess                   | —       | 1       | 1       |
| Arthritis                 | —       | 1       | 1       |
| Dysentery                 | 1       | —       | 1       |
| Endocarditis              | —       | 1       | 1       |
| <br>Totals                | <br>96  | <br>124 | <br>220 |

## ABORTIONS, MISCARRIAGES AND MISSED ABORTIONS.

There were 321 cases admitted on account of incomplete, threatened or missed abortion during the year. Of these, 35 were in Category A and 286 in Category B.

## MOLE.

There were 5 cases of hydatidiform mole in the Hospital.







